APPENDIX F

Hazardous Materials Users Vicinity Survey
and Screening Level Risk Appraisals

VERSAR

January 7, 2008

Mr. Jeff Panek
Essex Property Trust, Inc.
925 East Meadow Drive
Palo Alto, California 94303

Reference: **Vicinity Hazardous Materials Survey**
Cadence Facility (future Essex Residential Development Property)
535 – 575 River Oaks Drive, San Jose, California
Versar Project No. 105071.5071.085

Dear Mr. Panek:

Versar Inc. (Versar) has prepared a Vicinity Hazardous Materials Survey for your proposed residential development property (current Cadence facility) located at 535-575 River Oaks Drive, San Jose, California (Site). The City of San Jose Planning Department requested this survey as part of Essex Property Trust Inc.'s (Essex's) proposed residential development of the Site. The purpose of the survey is to assess the potential risk to future residents presented by the release of hazardous materials from surrounding properties.

SITE DESCRIPTION AND PROPOSED DEVELOPMENT

The Site is currently developed with a research and development complex occupied by Cadence. There are four two-story concrete tilt-up office buildings totaling 252,200 square feet. The Site is approximately 32 feet above mean sea level and the topography is relatively flat with a slight slope to the north. Coyote Creek is located adjacent to the northeast of the Site. There are no railroads located within 0.50-mile of the Site. The Site location is depicted in Figure 1, *Site Location Map* and Figure 2, *Site Aerial Photograph*. Figures are presented in Attachment 1.

Essex is proposing to demolish the current Site buildings and develop the Site with a multi-family residential complex. The complex will consist of five buildings totaling 880 units. Four of the buildings will be Type V modified construction with four residential levels over two levels of Type 1 podium parking. The fifth building will be Type 1 construction with seven levels of residential units over two levels of Type 1 podium parking. In addition, there will be associated leasing offices, fitness centers, swimming pools, and a 2.5-acre public park, which will be dedicated to the City of San Jose. The estimated occupancy, based on two people per unit, is 1,760 residents.

SCOPE OF WORK OF HAZARDOUS MATERIALS SURVEY

The scope of work for this survey included the following:

- Conducting a visual survey of surrounding properties located within 0.50-mile radius of the Site. Versar compiled a list of addresses and associated facility names for each building.

- Identifying facilities that store hazardous materials and review of hazardous materials business plan documents located at San Jose City Hall and the Milpitas Fire Department (the Site area of interest includes two cities).

- Reviewing hazardous materials stored at each facility to determine if they are listed under the U.S. Environmental Protection Agency's (EPA's) Risk Management Program or the Consolidated List of Chemicals Subject to the Emergency Planning and Community Right-to-Know Act (EPCRA) and Section 112(r) of the Clean Air Act.

- Performing catastrophic airborne release dispersion modeling to determine the greatest risk of impact for the prospective Site residents in cases of release of identified hazardous materials.

FACILITIES IDENTIFIED FOR POTENTIAL HAZARDOUS MATERIALS STORAGE

The following table presents the facilities identified during the visual survey as potentially storing hazardous materials on-site.

Table 1. Facilities Potentially Storing Hazardous Materials

FACILITY NAME	FACILITY ADDRESS	OBSERVATIONS
Thermo Fisher Scientific	355 River Oaks Parkway	1-story office building, approximately 194,150 square feet
WJ Communications	401 & 405 River Oaks Parkway	Multi-tenant office park consisting of two 2-story office buildings.
Avalent		
Emulex		
Ambicon		

FACILITY NAME	FACILITY ADDRESS	OBSERVATIONS
MC3	611 River Oaks Parkway	This is the Montague Oaks Business Park, consisting of several 1-story office buildings.
ATMI	617 River Oaks Parkway	
JAI PLUNIX Inc.	625 River Oaks Parkway	
Exis	631 River Oaks Parkway	
Directed Light, Inc.	633 River Oaks Parkway	
Vision Systems International	641 River Oaks Parkway	
Meade Construction Group	643 River Oaks Parkway	
Hemosense	651 River Oaks Parkway	
Metron	655 River Oaks Parkway	
ATMI	655 River Oaks Parkway	
Honeywell	677 River Oaks Parkway	
Acronics	683 River Oaks Parkway	
OAI	685 River Oaks Parkway	
Earth Tech	695 River Oaks Parkway	
River Oaks Market Place	670 River Oaks Pkwy	Multi-tenant 1-story commercial/retail building
Altera Corporation	101 Innovation Drive	4-story office building, approximately 106,000 square feet
Cadence/Cingular Wireless	2655/2670 Seely Avenue	This is the Cadence campus which includes several 2-story office buildings. Cingular Wireless uses the location for cellular services.
Ultratech Stepper Inc.	2880 Junction Avenue	2-story office building, approximately 77,000 square feet
Pillar Systems	2840 Junction Avenue	2-story office building, approximately 77,000 square feet
Santa Clara County Child Services	2851 Junction Avenue	4-story office building, approximately 149,000 square feet
Central Park Plaza	2833 Junction Avenue 2841 Junction Avenue 2860 Zanker Road 2870 Zanker Road 2880 Zanker Road 2890 Zanker Road	Multi-tenant business park comprised of six 2-story buildings.
Lattice Semiconductors Corp.	2660 and 2680 Zanker Road	This is the Valley Technology Center, a multi-tenant business park comprised of five 2-story buildings, approximately 66,000 square feet each.
Foxlink, OOCL, and Smart Cargo	2700 Zanker Road	
Navisite	2720 Zanker Road	
Pivot Interiors, Herman Miller, Trix, and Rainfinity	2740 Zanker Road	
Ultratech Stepper Inc.	3050 Zanker Road	2-story office building, approximately 77,000 square feet

FACILITY NAME	FACILITY ADDRESS	OBSERVATIONS
Sony	3300 Zanker Road	This facility is more than half a mile from the Site; however, based on the size of the facility, Versar included it in the hazardous materials survey. It appears that this property is going to be redeveloped at a residential community. Permitting for the project has been initiated.
NanoNexus Inc.	2520 Junction Avenue	1-story office building, approximately 170,000 square feet
LGC Wireless	2540 Junction Avenue	1-story office building, approximately 170,000 square feet
New Focus Inc.	2580 Junction Avenue	1-story office building, approximately 170,000 square feet
New Focus, a Division of Bookham	2584 Junction Avenue	1-story office building, approximately 11,000 square feet
Underwriters Laboratories Inc.	455 E Trimble Road	2-story industrial building, approximately 80,000 square feet
Qualcomm	2581 Junction Avenue	2-story industrial building, approximately 90,000 square feet
Facilities in Milpitas		
Fairchild Imaging	1801 McCarthy Boulevard	1-story office building
Silicon Microstructures	1701 McCarthy Boulevard	1-story office building
Avnet	1820 McCarthy Boulevard	1-story office building
Kineto	1601 McCarthy Boulevard	1-story office building
Corwil	1635 McCarthy Boulevard	1-story office building
Neo Scale Systems	1655 McCarthy Boulevard	1-story office building
Renaissance Business Park	1851 McCarthy Boulevard	This is a 4-story office building comprised of commercial businesses.
Promise Technology	580 Cottonwood Dr	2-story office building

Versar researched each of the facilities at the City of San Jose City Hall and with the Milpitas Fire Department to identify those with hazardous materials business plans (HMBPs). Once a facility was identified to store hazardous materials, the "Non-Hazardous Waste Inventory Form" of the most recent HMBP on-file was reviewed to compile a list of largest containers of hazardous materials stored at each facility. None of the identified facilities had release incident reports on file. The facilities and hazardous materials stored are listed in a table presented in Attachment 2. The hazardous materials inventories for each facility are presented in Attachment 3.

Comparison to RMP and EPCRA Lists of Chemicals

Versar compared each hazardous material listed on facility HMBP inventory lists to the RMP List of Chemicals and the EPCRA List of Chemicals and their respective threshold quantities. None of the hazardous materials listed on these lists exceeded the threshold quantities. The RMP and EPCRA lists of chemicals are presented in Attachment 4.

AIRBORNE RELEASE RISK APPRAISAL

Versar's Risk Appraisal used the ALOHA CAMEO software developed by the EPA Office of Emergency Management and the Emergency Response Division of the National Oceanic and Aeronautic Administration (NOAA) to evaluate potential site impacts from catastrophic releases of hazardous substances from surrounding properties. In accordance with U.S. EPA and California EPA (Cal EPA) guidelines, potential risks were estimated using conservative worst-case hypothetical chemical releases judged to be representative of the surrounding industrial operations. In addition, and in accordance with U.S. EPA and Cal EPA guidelines, all releases were modeled using stable meteorological conditions. During stable meteorological conditions and low wind speeds, vertical and horizontal dispersivity of a release is minimized, resulting in higher predicted downwind concentrations. Predicted downwind impacts were then compared to emergency planning criteria.

Emergency Response Planning Guidelines

The potential impact of a release is compared to Emergency Response Planning Guidelines (ERPG) and Immediately Dangerous to Life and Health (IDLH) guidelines as recommended. ERPGs are concentration values developed by the American Industrial Hygiene Association (AIHA) to assist emergency response personnel in planning for catastrophic chemical releases.

The Bay Area Air Quality Management District (BAAQMD) recommends the use of ERPG exposure level 2 (ERPG-2) as criteria for evaluating significant impact. Additionally the U.S. EPA defines "distance to toxic endpoint" in the RMP program for offsite consequence analysis as the ERPG-2 concentration. In the absence of ERPG guidelines, the U.S. EPA recommends using 1/10 of the IDLH concentrations for planning purposes. ERPG and IDLH exposure level guidelines are described below:

ERPG-1. The ERPG exposure level 1 is defined as the maximum airborne concentration at which it is believed that nearly all individuals could be exposed to for up to one hour without experiencing more than mild, transient adverse health effects, or without perceiving a clearly defined objectionable odor.

ERPG-2. The ERPG exposure level 2 is defined as the maximum airborne concentration at which it is believed that nearly all individuals could be exposed to for up to one hour without experiencing or developing irreversible or other serious side effects of symptoms that could impair an individual's ability to take protective action.

ERPG-3. The ERPG exposure level 3 is defined as the maximum airborne concentration at which it is believed that nearly all individuals could be exposed to for up to one hour without experiencing or developing life-threatening health effects.

IDLH. Immediately Dangerous to Life and Health concentrations represent maximum concentrations from which, in the event of a respirator failure, one could escape within 30 minutes without a respirator and without experiencing an escape impairing or irreversible health effect. IDLHs are assumed to be applicable to healthy adult workers in the work place and do not take into account exposure of more sensitive individuals.

Airborne Release Scenarios

Thirteen (13) release scenarios were selected for the surrounding facility assessment. The scenarios were deemed improbable but are considered possible. Releases were assumed to occur outside and were modeled assuming urban dispersion coefficients: wind speed of 3.0 meters per second (m/s), atmospheric stability class D (stable conditions) and an outside temperature of 70 degrees Fahrenheit. Release points were modeled directly upwind of the Site.

Additionally, the scenarios selected were deemed representative of the potential risks posed by other facility chemicals not modeled, based on distance of the facility to the Site and chemical hazard characteristics. In all cases, the largest RMP-listed chemical container was determined to undergo a catastrophic release. Where more than one RMP-listed chemical is present, additional release scenarios were prepared. The modeled release scenarios are considered conservative and reasonable approximations of the potential risks posed by potential chemical releases at the selected representative facilities.

Airborne Potential Chemicals of Concern (COCs) and Release Scenarios

The primary goal of this Screening Level Risk Appraisal is to identify chemicals that are likely to have offsite consequences if catastrophically released. Generally, chemicals that are acutely toxic, in a form that readily allows offsite transport (following a release) and are stored in sufficient quantities are assumed to represent potential contaminants of concern (COCs). The primary COCs identified at each facility and the selected facility release scenarios are summarized below.

Fairchild Imaging

Fairchild Imaging is located at 1801 McCarthy Boulevard in Milpitas, California. The closest point is approximately 270 yards north-northeast of the Site. The COCs identified include aqueous ammonia, arsine, chlorine, dichlorosilane, concentrated hydrochloric acid, hydrogen and hydrogen chloride. A release scenario was developed for each of these COCs assuming catastrophic release of the largest container. Note that because ERPG values have not been established for dichlorosilane or hydrogen, the hazard scenario developed was for risk due to explosion.

Underwriters Laboratories, Inc.

Underwriters Laboratories, Inc. is located at 455 East Trimble Road in San Jose, California. The closest point is approximately 890 yards south-southwest of the Site. The COCs identified include acetylene, butane and methane. A release scenario was developed for each of these COCs, assuming catastrophic release of the larges container. Note that because ERPG values have not been established for the COCs, the hazard scenario developed was for risk due to explosion.

Thermo Fischer Scientific

Thermo Fischer Scientific is located at 355 River Oaks Parkway in San Jose, California. The closest point is approximately 730 yards northwest of the Site. Chloroform is the only COC identified for this facility. A release scenario was developed for chloroform, assuming catastrophic release of the largest container.

Honeywell

Honeywell is located at 677 River Oaks Parkway in San Jose, California. The closest point is approximately 250 yards south-southwest of the Site. Hydrofluoric acid is the only COC identified for this facility. A release scenario was developed for hydrofluoric acid, assuming catastrophic release of the largest container.

Qualcomm

Qualcomm is located at 2581 Junction Avenue in San Jose, California. The closest point is approximately 457 yards south-southwest of the Site. Nitric acid is the only COC identified for this facility. A release scenario was developed for nitric acid, assuming catastrophic release of the largest container.

Results

The results of this screening level evaluation indicate that it is possible that worst-case releases during worst-case atmospheric conditions could potentially impact personnel outside of the Site building. The facility potentially impacting the Site is Fairchild Imaging, following a catastrophic release of hydrochloric acid or hydrogen chloride. Attachment 5 contains the ALOHA summary sheets from the screening level evaluations.

Table 2. Screening Level Evaluation Results

RELEASE LOCATION Chemical Released	Largest Container Size (pounds)	Maximum Threat Zone	Maximum Site Outdoor Concentration (ppm)	Emergency Planning Guidelines (ppm)
FAIRCHILD IMAGING (270 yards from the Site)				
Aqueous Ammonia	15	17 yards (ERPG-2)	0.656	ERPG-2 = 150 ERPG-3 = 750 IDLH = 300
Arsine	0.19	32 yards (ERPG-2)	0.00725	ERPG-2 = 0.5 ERPG-3 = 1.5 IDLH = 3
Chlorine	15	250 yards (ERPG-2)	2.6	ERPG-2 = 3 ERPG-3 = 20 IDLH = 10
Dichlorosilane	10	None	NS	1.0 psi overpressure
Hydrochloric Acid	3,716	>300 yards (ERPG-2)	**26.7**	ERPG-2 = 20 ERPG-3 = 150 IDLH = 50
Hydrogen	887	None	NS	1.0 psi overpressure
Hydrogen Chloride	60	273 yards (ERPG-3)	**20.3**	ERPG-2 = 20 ERPG-3 = 150 IDLH = 50
UNDERWRITER LABORATORIES, INC. (890 yards from the Site)				
Acetylene	8.3	None	NS	1.0 psi overpressure
Butane	34.1	None	NS	1.0 psi overpressure
Methane	21.23	None	NS	1.0 psi overpressure
THERMO FISCHER SCIENTIFIC (730 yards from the Site)				
Chloroform	6.2	24 yards (ERPG-2)	0.0967	ERPG-2 = 50 ERPG-3 = 5,000 IDLH = 500
HONEYWELL (250 yards from the Site)				
Hydrofluoric Acid	444	24 yards (ERPG-2)	0.242	ERPG-2 = 20 ERPG-3 = 50 IDLH = 30

RELEASE LOCATION Chemical Released	Largest Container Size (pounds)	Maximum Threat Zone	Maximum Site Outdoor Concentration (ppm)	Emergency Planning Guidelines (ppm)
QUALCOMM (457 yards from the Site)				
Nitric Acid	23.5	12 yards (ERPG-2)	0.00488	ERPG-2 = 6 ERPG-3 = 78 IDLH = 25

Notes:
ppm = parts per million
All releases assume U.S. EPA Worst-Case conditions: loss of container contents over 10-minute period
Normal meteorology assumes atmospheric stability class D and wind speed of 3.0 meters per second
Bold = significant impact
NS = not significant

Discussion of Airborne Release Risk

Based on the risk evaluation above, the Fairchild Imaging facility is predicted to have the highest potential to impact the Site in the unlikely event of a worst-case release. Predicted impacts from hydrochloric acid and hydrogen chloride gas exceed the ERPG-2 guidelines. Notably, the exceedances are slight, even under worst-case conditions. None of the other modeled scenarios identified potential exceedances of the ERPG-2 or IDLH guidelines.

This facility, located north-northeast of the Site, is not in the prevailing upwind direction. Considering regional prevailing wind speed and direction, the likelihood that a worst-case release has an impact on the Site appears to be low. Based on meteorological data obtained from the San Francisco Airport (the nearest regional facility with available data) the wind blows from the west to northwest approximately 49 percent of the time and worst-case wind speeds and calms occur approximately seven percent of the time. These data serve to further reduce the potential likelihood of impact from a release.

Versar prepared alternative scenarios for the two chemicals (hydrochloric acid and hydrogen chloride) at Fairfield Imaging with predicted worst-case impacts, to determine the effects of increased wind and crosswinds. The findings of these alternative scenarios showed that an increase in wind speed from 3 m/s to 4 m/s reduced the impact to below ERPG-2 guidelines. Adding a slight (20 yard) crosswind component also reduced the impact to below ERPG-2 guidelines. The supplemental model shows that even a slight deviation from the improbable worst-case conditions reduces the risk to the Site to below ERPG-2 guidelines.

Subject to U.S. EPA RMP, the Fairchild Imaging facility is required to have a program in place that serves to further reduce the likelihood and any potential impacts of any release of hazardous materials. The RMP program elements include engineering, mechanical integrity and

management improvements and safeguards. The facility is also subject to regulation by the Uniform Fire Code, Uniform Building Code and the Santa Clara County Toxic Gas Ordinance (TGO). The TGO regulates toxic gas users and requires that acutely hazardous process materials be housed in secondary containment facilities. These facilities typically include ventilated storage of gases, leak detection, secondary containment of process piping, automatic shutdown at the source and treatment capability for discharged gases. Fairchild Imaging's compliance with these protective requirements further reduces the likelihood of release, as well as the potential impact, thereof.

Versar appreciates this opportunity to continue to provide professional environmental consulting services to Essex. If you have any questions regarding this letter, please call me at (916) 863-9323.

Sincerely,

Tim Berger, California P.G.
Program Manager
Versar - Western Region

Reviewed by:

Steve Finkelstein, CIH #4886

THE AMERICAN BOARD OF INDUSTRIAL HYGIENE INCORPORATED CERT. NO. 4886 PENNSYLVANIA STEVE FINKELSTEIN

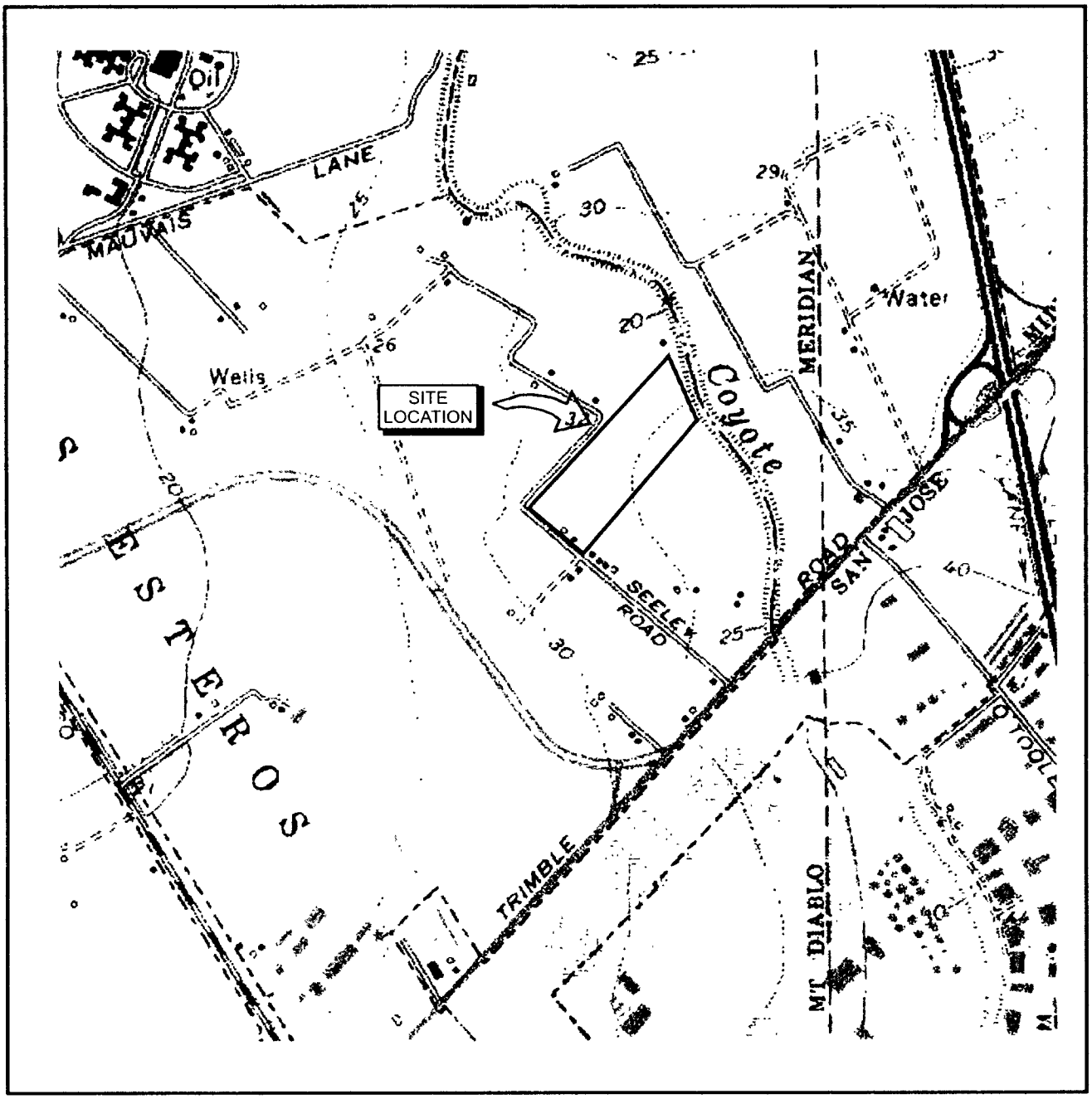
Attachment 1 – Figures
Attachment 2 – Facilities Hazardous Materials Inventory Summary
Attachment 3 – Inventory Sheets from Hazardous Materials Business Plans
Attachment 4 – RMP List of Chemicals and Consolidated List of Chemicals Subject to the Emergency Planning and Community Right-to-Know Act (EPCRA) and Section 112(r) of the Clean Air Act
Attachment 5 – ALOHA Summaries

cc: Mr. Jordan Ritter, Essex Property Trust Inc.
File

VERSAR

ATTACHMENT 1

FIGURES



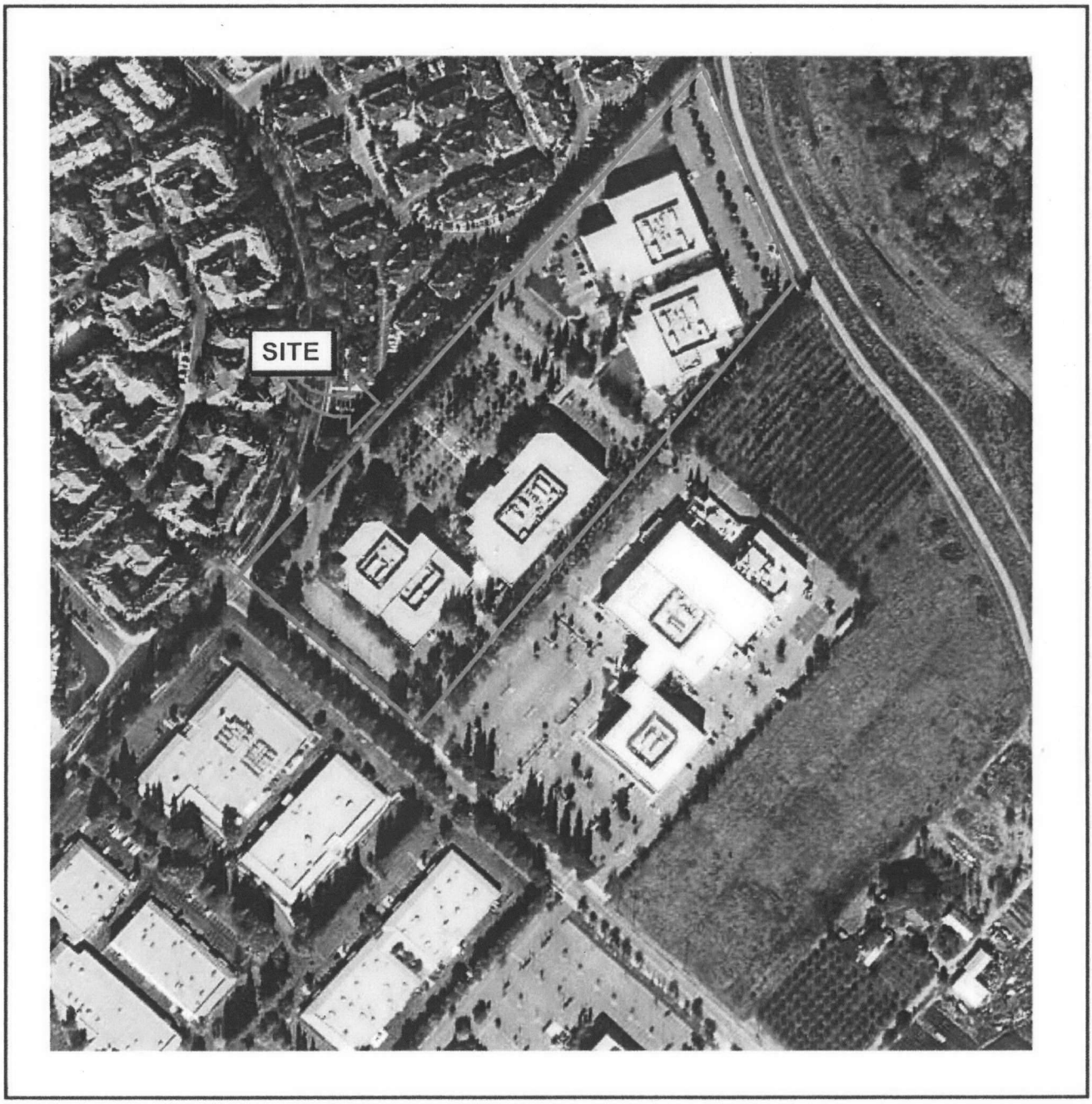
Source: USGS 7.5 Minute Series Milpitas, California, 1998.

N

0 SCALE 2,000 FEET

Dr. By: JI	VERSAR 7844 Madison Avenue Suite 167 Fair Oaks, CA 95628 (916) 962-1612	**SITE LOCATION MAP** **Cadence Facility** **555 - 575 River Oaks Parkway** **San Jose, California**	**Figure 1**
Date: 06/17/05			
Versar Project No.: .5071.085			

Path/File: P/Essex/San Jose/Cadence/haz mat survey/f1



Source: USGS, San Jose, California Aerial Photograph, 2004.

0 SCALE 100 YARDS

Dr. By: JI	VERSAR 7844 Madison Avenue Suite 167 Fair Oaks, CA 95628 (916) 962-1612	**SITE AERIAL PHOTOGRAPH** **Cadence Facility** **555 - 575 River Oaks Parkway** **San Jose, California**	**Figure 2**
Date: 07/26/2007			
Versar Project No.: .5071.085			

Path/File: P/Essex/San Jose/Cadence/haz mat survey/f2

Source: Google Earth

N

NOT TO SCALE

LEGEND

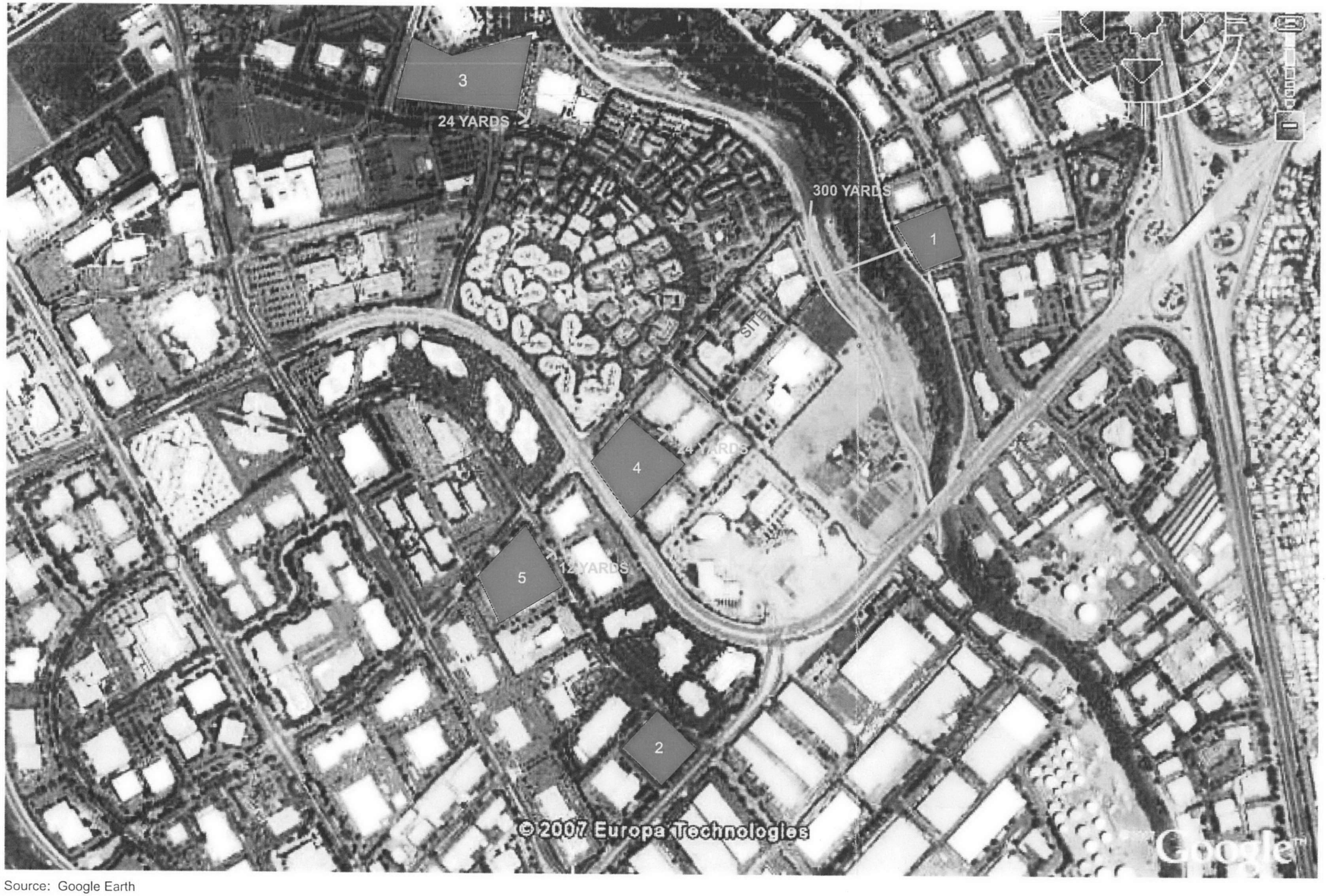
SITE BOUNDARY

SEARCH RADIUS

SAN JOSE/MILPITAS BOUNDARY

Dr. By: JI	VERSAR 7844 Madison Avenue Suite 167 Fair Oaks, CA 95628 (916) 962-1612	**FACILITY SEARCH RADIUS** **Cadence Facility** **555 - 575 River Oaks Parkway** **San Jose, California**	**Figure 3**
Date: 07/26/2007			
Versar Project No.: .5071.085			

Path/File: P/Essex/San Jose/Cadence/haz mat survey/f3



Source: Google Earth

1 FAIRCHILD IMAGING
1801 MCCARTHY BOULEVARD, MILPITAS

2 UNDERWRITERS LABORATORIES, INC.
455 EAST TRIMBLE ROAD, SAN JOSE

3 THERMO FISCHER SCIENTIFIC
355 RIVER OAKS PARKWAY, SAN JOSE

4 HONEYWELL
677 RIVER OAKS PARKWAY, SAN JOSE

5 QUALCOMM
2581 JUNCTION AVENUE, SAN JOSE

WORST-CASE AIRBORNE RELEASE DIRECTION, DISTANCE AND LATERAL EXTENT OF IMPACT GREATER THAN THRESHOLD CRITERIA

N

0 300 YARDS
APPROXIMATE SCALE

Dr. By: JI	VERSAR
Date: 01/07/2008	7844 Madison Avenue Suite 167 Fair Oaks, CA 95628 (916) 962-1612
Versar Project No.: 105071.5071.085	

AIRBORNE RELEASE DISPERSION MODELING MAP
Cadence Facility
555 - 575 River Oaks Parkway
San Jose, California

Figure 4

Path/File: P:/Essex/San Jose/Cadence/Haz Mat Inventory

VERSAR

ATTACHMENT 2

FACILITIES HAZARDOUS MATERIALS INVENTORY SUMMARY

ATTACHMENT 2

FACILITIES HAZARDOUS MATERIALS INVENTORY SUMMARY

BUSINESS NAME	BUSINESS ADDRESS	HMBP DATE	HAZARDOUS MATERIALS STORED
Altera Corporation	101 Innovation Drive	08/15/2002	There is one 200 gal diesel fuel tank for a generator.
Cingular Wireless	2670 Seely Avenue (The Cadence Facility)	02/18/2003	Sulfuric acid: max 9.9 gal on roof and maximum of 26.28 gal in BTS cabinet.
Directed Light Inc.	633 River Oaks Parkway	02/22/1999	The largest containers of hazardous materials include the following: 250 cu ft of acetylene, 556 cu ft of oxygen, 834 cu ft of hydrogen/argon mix, 1,112 cu ft of helium/argon mix, 556 cu ft of nitrogen, 278 cu ft of helium, 4,448 cu ft of carbon dioxide/helium/nitrogen mixture; 1 gal each of isopropyl alcohol, acetone, sulfuric acid, hydrochloric acid, nitric acid, and hydrofluoric acid; 39-gal each of cryogenic oxygen, cryogenic argon, and cryogenic nitrogen.
Hemosense	651 River Oaks Parkway	05/31/2000	The largest containers of hazardous materials include the following: 1 gal of household bleach, 1 gal of isopropyl alcohol, and 1 gal of acetone.
Honeywell	677 River Oaks Parkway	04/24/2000	The largest containers of hazardous materials include the following: 500 mL of acetone, 500 mL of hexane, 500 mL of isopropyl alcohol, 55 gal of hydrofluoric acid aqueous, 195 lbs of sodium hydroxide anhydrous, 16 gal of sulfuric acid, gal of copper cleaner, 500 mL of potassium hydroxide, 500 ml gal of booster fluid, 250 mL of belt dressing, 1 gal of Hyprez with lubricant, 1 gal of coolant conditioner 5700, 237 mL of abs plastic pipe cement, 1 lb of sta-lube grease super white, 370 mL of rapid tap cutting fluid, 1 gal of tetra rust preventive 5500, 1 gal of mobile spindling oil, 370 mL of spray paint, 475 mL Tapmatic cutting fluid #2, 1 gal of cutting oil dark, 1 gal of way oil iso 68, 355 mL of WD-40 aerosol, 484 mL gal of 3M super 77 brand adhesive spray, 250 cu ft of argon, 118 cu ft of acetylene, 250 cu ft of oxygen, 250 cu ft of hydrogen, 80 cu ft of compressed nitrogen gas.
Lattice Semiconductors Corp.	2680 Zanker Road	05/11/2000	The largest containers of hazardous materials include the following: 1 gal of 01562 capella oil wf 68, 5 gal of 1-chlorobutane, 0.25 gal of 1429 soldering flux, 1 gal of 24-6040-6403 solder, 3 lbs of 245 flux cored solder, 1 gal of 3M brand maintenance sorbent, 5 gal of 44 flux cored solder, 1 gal of 60-40 duratec solder, 1 gal of a-100 vacuum pump oil, 1 gal of acetone 1 gal of acetylene, 2 gal of ant & roach killer aerosol, 1 gal of anti-freeze, 1 gal of blue shower cleaner/degreaser, 1 gal of busch r-590 oil, 1 gal of c-3 refrigeration oil, 1 gal of ce-cyan toner intensifier, 1 gal of ce-magenta toner premix, 1 gal of ce-process black toner, 25 gal of die mark ink remover, 1 gal of ethyl alcohol, 1 gal of fibrous glass, 0.25 gal of fluorinert pc-77, 0.18 gal of fluxsolv II, 1 gal of fm-200, 0.3 gal of freez-it aerosol, 1 gal of freon 12, 0.03 gal of freon-tf, 1 gal of hfe-7100 3m specialty liquid, 1 gal of isopropanol, 1 gal of isopropyl alcohol, 1 gal of lecithin, 0.01 gal of liquid crystal a, 0.01 gal of liquid crystal b, 0.01 gal of liquid crystal c, 0.07 gal of locktite 17651 sealant, 0.01 gal of locktite silicone sealant, 0.01 gal of locktite super bonder 409, 0.002 gal of locktite x-nms clean-up solvent, 1 gal of mapp gas, 5 gal of ms-260 cleaner for plastic/glass/metal, 0.5 gal of never seez, 240 cu ft of nitrogen, 1 pound of nokorade soldering paste, 0.05 gal of enamel water based paint, 1 gal of paint thinner, 1 gal of pc 80 solvent and flux remover, 0.5 gal of pc board etching solution, 1 gal of propane, 1 gal of propylene glycol industrial, 1 gal of r-22 refrigerant, 1 gal of restorseal premium thread cutting oils, 0.5 lbs of resin multicore solder, 1 gal of solder flux, 0.01 gal of solder paste, 0.25 gal of super freeze f-22, 0.02 gal of tapmatic 1 cutting fluid, 0.02 gal of tapmatic 2 cutting fluid, 0.5 gal of tc-530 hi-temp mask & mold seal, 0.5 gal of tf 15 cleaner, 1 gal of triflex aerosol, 0.5 gal of ultrasonic cleaning solution concentrate, 1 gal versatec 4812-2 yellow premix toner, 1 gal of versatec clear dispersant, 2 gal of wasp & hornet killer aerosol and 0.2 gal of WD-40 aerosol.
NanoNexus Inc.	2520 Junction Avenue	03/15/2005	The largest containers of hazardous materials include the following: 5 gal of 40 electrolyte, 1 gal of acetic acid, 1 gal of acetone, 5 gal of ACR 40 Gold Strike Bath, 280 cu ft argon, 1 gal of AZ P4620 Photoresist, 1 lb of boric acid, 1 gal of buffered sodium persulfate solution PH 2, 325 cu ft of carbon dioxide, 1 gal of Chrome Tech, 1 gal of cr etch, 1 gal of Cu Bath M Hy Addition Agent, 1 gal of EBR SR-14 advanced edge bead remover, 0.5 gal of hexamethyldisilane, 1 gal of hydrofluoric acid, 1 lb of hysol ea 9657, 1 lb of iodine chips, 1 gal of isopropyl alcohol, 1 gal of megaposit SPR220-7.0 photoresist, 1 gal of megaposit MF CD-26 developer, 1 gal of megaposit thinner type P, 1 gal of murexide indicator in ethylene glycol, 1 gal of nitric acid, 5 gal of neutronex 309 make-up, 1 lb of Neutronex 309 Conducting Salt, 1 lb of nickel chloride (solid crystals), 5 gal nickel sulfate concentrate, 1,500 gal of nitrogen, 1 gal of NPA anti-pitting additive, 1 lb of oxalic acid dihydrate, 310 cu ft of oxygen, 5 gal of palladium cobalt VHS RTU, 1 lb of potassium iodide, 5 gal of potassium permanganate, 1 gal of pyralin polyimide coating, 1 gal of SVC-14 positive photoresist stripper, 1 gal of SVC-150 positive photoresist stripper, 1 gal of sulfuric acid, 1 gal of techni copper FB bath RTU, 1 gal of techni copper FB brightener, 1 gal of titanium etchant type TFT, 300 cu ft of forming gas, and 1 gal of methane sulfonic acid.

ATTACHMENT 2

FACILITIES HAZARDOUS MATERIALS INVENTORY SUMMARY

BUSINESS NAME	BUSINESS ADDRESS	HMBP DATE	HAZARDOUS MATERIALS STORED
Navisite	2720 Zanker Road	10/26/1999	This facility stores diesel fuel and lead acid batteries for generators. There are six aboveground storage tanks for diesel fuel; five 990 gal tanks and one 150 gal tank. There are 2355 gel pack lead acid batteries at this facility.
New Focus, a Division of Bookham	2584 Junction Avenue	08/02/2002	The largest containers of hazardous materials include the following: 2 gal of acetone, 250 cu ft of forming gas, 2 gal of isopropyl alcohol, 8 gal of kester biotech 5768, 266 cu ft of hydrogen, 220 cu ft of nitrogen, 5 gal of miscellaneous flammable liquids, 180 gal of cryogenic nitrogen, 5 gal of vacuum pump oil, 1 gal of 1,1,1-trichloroethene, 15 gal of acetone, 15 gal of isopropyl alcohol, 1 gal of locktite 408, 2 gal of locktite x-nms clean-up solvent, 7 gal of methanol, 1 gal of miscellaneous flammable liquids, 2 gal of 1,1,1 trichloroethene, 3 gal of acetone, 3 gal of isopropyl alcohol, 2 gal of rosin solder flux, 180 gal of cryogenic nitrogen.
Qualcomm	2581 Junction Avenue	06/06/2005	The largest containers of hazardous materials include the following: a gal of ammonium fluoride, 4 gal of ammonium hydroxide, 1 gal of AZ 300/400T (NMP Stripper), 1 gal of AZ 300R photoresist stripper, 1 gal of BOE Etchant 7:1, 1.06 BOE Etchants 4:1, 2 gal bufferd oxide etch 6:1, 0.2 lbs chromium metal, 3 gal of CR-14 chromium etchant, 0.26 gal of cyclohexanone, 1 gal of EBR Sr-14 Rohm Hass, 2 gal of ferric chloride solution, 300 cu ft of forming gas 10% H2 in nitrogen, 2 gal of Futurrex NR-78-350P Negative Resist, 2 gal of Futurrex NR7-1000P Negative Resist, 238 cu ft of nitrogen trifluoride, 2665 cu ft of sulfur hexafluoride, 576 cu ft of helium, 265 cu ft of Freon-14, 600 gal of argon, 385 cu ft of trifluoromethane, 565 cu ft of nitrous oxide, 488 cu ft of oxygen, 1 gal of hexamethyldisilazane, 1 gal of hydrochloric acid, 1 gal of hydrofluoric acid, 1 gal of hydrogen peroxide, 16 gal of isopropyl alcohol, 2 gal of methanol, 0.25 gal of methoxy-2-proponal, 0.5 gal of methyl ethyl ketone, 1 gal of methyl-2-pyrrolidinone, 0.2 lb of molybdenum metal, 1 gal of negative resist developer Futurrex RD6, 0.2 lb of nickel metal, 2 gal of nitric acid, 2 gal of Pad Etch, 2 gal of phosphoric acid, 7.25 gal of Pos Photoresist SPR 3612, 12 gal of Positive Resist Developer LDD 26W, 1 gal of potassium hydroxide, 6 gal of PRX127 Photoresist Stripper, 0.2 lb of quartz, 0.2 lb of silicon, 1 gal of Spin on Glass PC3-700, 1 gal of sulfuric acid, 2.10 gal of Coat Track #1, .5 gal of SVG Coat Track #2, 3.2 gal of SVG Dev Track #1, 0.6 gal of SVG Dev Track #2 and 4 gal of Valtron SP 2200-surfactant.
Sony	3300 Zanker Road	06/01/2001	The largest containers of hazardous materials include the following: 1 gal red iron oxide primer, 1 al of OSH acrylic eggshell finish, 0.1 gal of 3M 77 spray adhesive, 5 gal of air compressor oil, 0.1 gal of OATEX purple primer cleaner, 0.1 gal of rectorseal pipe thread sealant, 0.1 gal of spray enamel gloss white, 0.1 gal of polycel insulating foam, 0.1 gal of hi tek steel door lubricant, 1 gal of Simple Green, 0.2 gal of contact cement, 0.1 gal of lock ease graphite, 0.1 gal of Drax ant kill gel, 0.2 gal of automatic transmission fluid, 4 gal of interior/exterior acrylic latex, 1 gal of Jasco speedomatic paint remover, 0.2 gal of flo-gate enamel undercoat paint, 0.1 gal of liquid nails construction adhesive, 5 gal of R22 freon, 5 gal of exterior latex paint, 5 gal of interior latex paint, 5 gal of solvent interior paint, 5 gal of Surtec FP-575 metal interlock floor finish, 5 gal of Surtec traffic lane cleaner, 5 gal of Surtec FS-600 floor seal, 5 gal of Surtec super strip ST-232, 5 gal of Surtec cleaner MC-100, 5 gal of Surtec stone and masonry sealer HS-612, 0.2 gal of prolink furniture polish, 1 gal of Surtec SP-407 carpet shampoo, 1 gal of extract-all carpet extractor, 2 gal of oasis 255SF glass cleaner concentrate, 0.2 gal of 3M stainless steel cleaner and polish, 1 gal of spin-dry carpet maintainer, 1 gal of ramsey-tannin stain remover, 1 gal of Clorox bleach, 1 gal of bestine solvent & thinner, 0.1 gal of WD-40 spray lube, 0.1 gal of sprayway formula 40 glass cleaner, 0.1 gal of 3M desk and office cleaner 573, 0.1 gal of 3M spray mount adhesive, 0.25 gal of versatec color toner premix replenisher, 0.25 gal of versatec color toner premix, 0.25 gal of versatec clear dispersant, 0.25 gal of volu-sol, 0.1 gal of 3 bond adhesive, 0.1 gal of Tech Spray Duster 1671, 0.1 gal of goo gone, 0.1 gal of texsolve tx-35 adhesive, 0.1 gal of sony grease, 1 gal of isopropyl alcohol, 0.2 gal of Freeze It 2000, 0.1 gal of enviro tech spray 1676, and 0.2 gal of flux cleaner/remover, 1 gal of ecolab ster-bac blu, 0.1 gal of serco stainless steel polish & cleaner, 1 gal of ecolab grease-strip plus, 0.25 gal of ecolab ecoshine water based polish, 0.5 gal of Ecolab-Solitaire hand detergent, 0.1 gal of stemo canned heat, 1 gal of serco bleach, 1 gal of Ecolab grease-cutter extra, 5 gal of oasis glass cleaner concentrate 255SF, 1 gal of Ecolab Lime Away, 0.5 gal of Ecolab Solid Power Auto Detergent, 0.5 gal of Silver Power, 0.1 gal of Iwatani Fuel, and 150 gal of diesel fuel.
Thermo Fisher Scientific	355 River Oaks Parkway	05/03/2000	The largest containers of hazardous materials include the following: 320 cu ft of compressed helium, 320 cu ft of compressed nitrogen, 60 gal of liquid nitrogen, 320 cu ft of methane, 320 cu ft of argon, 55 L of asahiklin-225, 1 gal of methanol, 1 gal of acetonitrile, 1 gal of acetone, 1 gal of cyclohexane, 1 gal of reagent alcohol, 2 gal ethanol, 1 gal isopropyl alcohol, 0.5 gal methanol, 0.5 gal phenol, 1 gal hydrochloric acid, 1 gal phosphoric acid, and 0.5 gal chloroform.

ATTACHMENT 2

FACILITIES HAZARDOUS MATERIALS INVENTORY SUMMARY

BUSINESS NAME	BUSINESS ADDRESS	HMBP DATE	HAZARDOUS MATERIALS STORED
Ultratech Stepper Inc.	2880 Junction Avenue	03/15/2002	The largest containers of hazardous materials include the following: 1 gal of acetone, 1 gal of isopropanol, 1 gal of methanol, 1 gal of AMTEX-CCR, 1 gal of dichloromethane, 1 gal of VM&P naptha, 1 gal of kerosene, 1 gal of 2500 Metal Cool, 1 gal of Al cutting fluid, 1 gal of #H20002U CLNR, 1 lb of carbon black, 1 gal of MFI-21, 1 gal of PD 523AD, 1 gal of Developer 351, 1 gal of S1808 Photo Resist, 1 gal of S1811 Photo Resist, 1 gal of PFR IX500EL, 1 pint of H.M.D.S, 1 gal of System 812, 1 gal of Megapst SPR 850-1.0, 1 gal of Megapst SPR 700-1.0, 1 gal of 454 Developer, 1 gal of HPRD 429 Developer, 1 gal CD-30 Developer, 5 gal of ethylene glycol, 1 gal of 2401 Developer, 1 gal of 452 Developer, 1 gal of 453 Developer, 1 gal of MF81-MX, 1 gal of MFI-21, 1 gal of MF84-MX, 1 gal of PD 523 AD, 1 gal of sulfuric acid, 1 gal of AZ 400K 1:4, 1 gal of ST-20 Stripper, 1 gal of NA351 5:1 Developer, I gal of nitric acid, 1 gal of OPD 262, 1 can of C.S. Cleaner, 1 gal of AZ 1350B-SF, 1 gal of AZ P4620, 1 gal of EBR-10A, 1 gal of HPR 504, 1 gal of OFPR-800, 1 gal of 9100 pos res, 1 gal of System 812, 1 gal of PI2732 polyimide coating, 1 gal of PI2771 Polyimide Coating, 1 gal of AZ 624 MIF, 1 gal of HPRD 407, 1 gal of NOVA 2000, 1 gal of PD 523AD, 1 gal of TS-263 developer, 1 gal of XP-89114, 1 gal of XP-91133, 1 gal of AZ 400K, 1 gal of AZ P4110, 1 gal of HIPR-6512, 1 gal of ST-20 stripper, 1 gal of HPRD 437, 1 gal of NA 351 developer, 1 gal of OPD 4262, 30 gal of sodium bisulfate, 30 gal of pretreat plus, 55 gal of activated alumina, and 180 gal of diesel oil fuel (for a generator).
Ultratech Stepper Inc.	3050 Zanker Road	07/31/1997	Same as above, with a few exclusions.
Underwriters Laboratories, Inc.	455 E Trimble Road	10/27/2005	The maximum quantities of hazardous materials include the following: 0.25 lbs of sodium bicarbonate, 0.0022 lbs of calcium hypochlorite, 0.2205 lbs of iodine, 0.0006 lbs of potassium iodide, 0.0011 lbs of sodium hydroxide, 0.1981 gal of toluene, 0.1981 gal of 1 butanol, 0.1981 gal of 2-butoxy ethanol, 0.1321 gal of 37% formaldehyde, 0.2642 gal of isopropyl alcohol, 0.0001 gal of acetic acid, 1.0567 gal of acetic acid glacial, 0.2642 gal of acetone, 150 cu ft acetylene, 2.2046 lbs of activated carbon, 0.0001 gal of alcohol anhydrous reagent, 0.2642 alcohol anhydrous liquid, 0.2642 alcohol denatured liquid, 1.1023 lbs of aluminum chloride, 1.1023 lbs of aluminum sulfate, 1.75 lbs of ammonia, 0.0991 gal of ammonia hydroxide, 2.1134 gal of ammonium hydroxide, 1.1023 lbs of ammonium oxalate, 0.0264 gal of amyl acetate, 230 of argon, 0.1323 lbs of arsenic trioxide, 0.0003 gal of betadine, 0.5 lbs of calcium carbonate, 0.0006 lbs of calcium carbonate powder, 0.0006 lbs of calcium chloride, 0.0022 lbs of calcium chloride anhydrous, 1.1023 lbs of calcium chloride hexahydrate, 0.0028 lbs of calcium hydroxide, 0.0011 lbs of calcium nitrate tetrahydrate, 0.0022 lbs of calcium oxalate hydrate, 0.0011 lbs of calcium oxide, 0.0006 of calcium stearate, 0.0002 gal of carbon tetrachloride, 1.1023 lbs of carboxymethylcellulose sodium, 1.0567 gal of chloroform anhydrous, 1.1023 lbs of chromium (VI) oxide, 0.1321 gal of citric acid, 0.25 lbs of copper metal, 0.0017 lbs of cupric chloride, 0.0017 lbs of cupric oxide, 1.1023 lbs of cupric sulfate, 0.0017 lbs of cyanuric acid, 0.0156 lbs of denatured alcohol, 0.2642 gal of dichlorobenzene, 0.0006 lbs of drierite, 1.1023 lbs of ethyl (s)-(-)-lactate, 0.0001 gal of ethyl acetate, 0.1321 gal of ethylene glycol, 0.1102 lbs of ethylenediamine tetraacetic acid, 1.0 pound of ferric chloride, 0.2642 gal of heptane, 0.2642 gal of hexane, 0.1102 lbs of hippuric acid, 0.25 gal of hydraulic oil, 1.0567 gal of hydrochloric acid, 0.2642 gal of hydrogen peroxide, 1.1023 lbs of iron (II,III) oxide, 0.2205 lbs of iron (III) chloride solid, 0.2642 gal of kerosene, 0.25 gal of machine oil, 1.1034 lbs of magnesium chloride hexahydrate, 1.1023 lbs of magnesium hydroxide, 1.1023 lbs of magnesium oxide, 0.0017 lbs of magnesium sulfate heptahydrate, 0.2642 gal of meta-cresol, 1.0567 gal of methanol, 0.0001 gal of methyl alcohol, 0.0002 gal of methyl orange, 0.0002 gal of methyl red, 0.125 gal of naptha, 0.0001 gal of nitric acid, 220 cu ft of compressed nitrogen gas, 0.2205 lbs of ortho-phosphoric acid, 2.2046 lbs of paraffin wax, 0.0017 lbs of potassium carbonate, 0.0022 lbs of potassium chloride acs reagent, 0.0011 lbs of potassium phthalate, 2.2046 lbs of potassium hydrogen carbonate, 0.0022 lbs of potassium permanganate, 0.0022 lbs of potassium pyrophosphate, 0.0006 lbs of potassium sodium tartrate tetrahydrate, 0.0006 lbs of potassium sulfate, 0.0001 gal of pyridine anhydreous, 0.0006 lbs of silver nitrate, 0.25 lbs of sodium acetate, 0.25 lbs sodium bisulfate, 0.0006 lbs of sodium bromide, 0.0033 lbs of sodium carbonate anhydrous, 0.0017 lbs of sodium hydrogen carbonate, 0.0006 lbs of sodium phosphate, 0.0011 lbs of sodium sulfate anhydrous, 1.1023 lbs of sodium sulfite anhydrous, 0.0017 lbs of sodium tetraborate decahydrate, 0.0017 lbs of sodium xylenesulfonate, 0.011 lbs of stearic acid, 0.0011 lbs of strontium chloride hexahydrate, 0.3302 gal of sulfuric acid, 0.0003 gal of THF, 0.0003 lbs of trisodium phosphate, 0.2642 gal of triton x-100, 0.0022 lbs of urea, 0.0011 lbs of uric acid, 214 lbs of diesel fuel, 9.0 lbs of gear oil, 5.0 lbs of kerosene, 30 gal of paint, 5.0 lbs of simple green, 28.4375 lbs of spray paint, 5.0 lbs of varnish, 220 cu ft of butane and 500 cu ft of compressed methane gas.

ATTACHMENT 2

FACILITIES HAZARDOUS MATERIALS INVENTORY SUMMARY

BUSINESS NAME	BUSINESS ADDRESS	HMBP DATE	HAZARDOUS MATERIALS STORED
Fairchild Imaging	1801 McCarthy Boulevard	UNK	The largest containers of hazardous materials include the following: 1 gal of Microposit MF-319 Developer, 1 gal of sulfuric acid, 1 gal of Ultra Etch BHF 50:1, 50 lbs of Nalco 4337, 1 gal of aluminum etch, 1 gal of hydrofluoric acid 100:1, 1 gal of hydrofluoric acid 50:1, 1 gal of nitric acid, 1 gal of 95% poly etch M-534, 1 gal of AZ 237 MIF developer, 1 gal of SMS 2070C, 5 gal of Super Strip, 1 gal of ST-22 Positive Resist Stripper, 1 gal of phosphoric acid, 1 gal of hydrochloric acid, 1 gal of hydrofluoric acid, 1 gal of ammonium fluoride, 1 gal of ammonium hydroxide, 1 gal of potassium hydroxide, 1 gal of hydrofluoric acid 10:1, 1 gal of buffered oxide etch 6:1, 1 gal of buffered oxide etch 50:1, 1 gal of hydrogen peroxide, 1 gal of acetone, 1 gal of isopropyl alcohol, 1 gal of methyl alcohol, 1,5000 cc of 1,1,1-trichloroethane, 1 quart of hexamethyldisilazane, 1 gal of acetic acid, 1,500 cc o dichloroethylene, 1 gal of Microposit – EBR10-A Edge Bead Remover, 0.5 L of chloroform, 1 gal of NMP, 1 gal of SMS 2090 A1, 5 gal of miscellaneous flammable liquids, 1 gal of RS-100, 1 gal of RSC-55, 1 gal of Dynasolve 185, 1 gal of N-proponal, 1 gal of Aluminum Etch AE, 1 gal of aluminum Etch Surfactant, 1 gal of perchloroethylene, 1 gal of RER 550, 1 gal of Safe Strip, 0.5 of fluorad, 1 gal of Dinasolve 225, 5 gal of gasoline, 5 gal of water based epoxy paint, 1 quart of H.M.D.S., 1 gal of APX K-1, 1 gal of Microposit EC Solvent-11, 1 gal of acetic acid, 1 gal of Triton X100, 248 cu ft of argon, 30 grams of phosphine, 88 grams of arsine, 1 gal of Shipley System 812 Photoresist, 1 gal of Shipley Microposit SPR2-1.3M, 1 quart of Microposit TF-20 Photoresist, 1 quart of Megaposit SR-2FX 1,8, 1 quart of Megaposit SR-2 FX 1.3, 1 gal of 5124 E Photoresist, 1 gal of AZ P4400, 55 gal of diesel fuel, 55 gal of miscellaneous oils, 228 cu ft of nitrogen, 218 cu ft of helium, 249 cu ft of oxygen, 266 cu ft of Freon 116, 385 cu ft of Freon 23, 100 cu ft of acetylene, 228 cu ft of carbon dioxide, 307 cu ft of Freon 14, 228 cu ft of nitrogen/hydrogen, 100 lbs of sulfur hexafluoride, 2,000 gal of sodium hydrdoxide, 375 gal of hydrochloric acid, 1,000 gal of sodium hydroxide, 100 gal of sodium bisulfite solution, 75 gal of Vitec 3000 Descaling Solution, 35 gal of miscellaneous cooling tower chemicals, 1,500 gal of liquid nitrogen, 1,500 gal of liquid hydrogen, 218 cu ft of helium, 60 lbs of nitrous oxide, 228 cu ft of nitrogen, 6 lbs of Freon 14, 20 lbs of Freon 23, 5 lbs of miscellaneous oxidizers, 15 lbs of chlorine, 228 cu ft of nitrogen, 40 lbs of boron trichloride, 60 lbs of hydrogen chloride, 60 lbs of silane, 1,000 grams of 20% phosphine/silane, 15 lbs of ammonia, 10 lbs of dichlorosilane, 26 cu ft of 40% diborane/silane, 210 cu ft of 5% phosphine/nitrogen, 75 cu ft of 22% phosphine/nitrogen, 0.25 lb of Markem Specialty Ink 7224 Silver, 1 gal of Markem 320 Cleaner, 16 oz of Markem ZY Thinner, 1 pint of Markem Specialty Ink 4481 black, 1 gal of N-methyl Pyrrolidone, 0.3 kg of Epoxy Hardener XW 397, 0.3 kg of Epoxy Hardener XW 396, 4 oz of EPO TEK 301-2 Part A, 4 oz of EPO TEK 301-2 Part B, 1 quart of Dynasolve 225, 1 gal of humiseal thinner 73, 1 lb of RTV 664A, 1.6 oz of RTV 664 B, 2 cc of TRA-BOND 2151 Resin, 2 cc of TRA-BOND 2151 Hardenern, 2 cc of TRA-DUCT 2902 Resin, 2 cc of TRA-DUCT 2902 Hardener, 2.5 oz of A-12 Part-A, 2.5 oz of A-12 Part-B, 2 cc of TRA-DUCT FS-442 Resin, TRA-DUCT FS-442 Hardener, 0.3 kg of Epoxy Harden XW 397, 0.3 kg of Epoxy Harden XW 396, 50 mL of Oxybond 109 DP Hardener, 4 oz of RJ-LR8-2N Adhesive Part B, 3 oz 3140 RTV Coating, 24 oz of Circalok 6252, 3 lbs of Circalock 6037, 1 quart of EP29LPSP, 1 gal of Weld On 2354 Solvent Cement, 12 oz Tech Spray Fine L Kote AR, 32 oz of conductive cleaner, 1 qt of rosin flux 135, 1 gal of rosin flux 197, 0.7 oz of Tek Pak 712 Accelerator, 1.75 oz of Tek Pak 7452 Accelerator, 1 oz of CA 40 3M, 1 oz of CA 7 Instant Adhesive, 3 oz of Dow 3140 RTV Coating, 5 gal of Scotch Weld 2216 Part A and B, 10 oz of Envirotech Duster 1671, 6 oz of Flux Cored Solder "285", 6 oz of Flux Cored Solder "44", 2 oz of Lens Cleaner M 6015, 0.7 oz of Loctitte 382 Instant Adhesive, 4.5 oz of Depend ® Activator 7075, 1,7 oz of SpeedBonder ™ 325 Adhesive, 1 qt of Circalok 6037, 2 oz of Circalok 6252, 1 lb of Sylgard 170 Silicone Elastomer, 7 grams of CV-2946 Part A, 94 grams of XV-2946 Part B, 3145 RTV Mil-A-46146, 1.69 oz of Loctite 222 MS, 10 oz of Dow Corning RTV Sealant 739, 100 grams of Apiezon Grease, 2 kg of flomblin oil, 1 gal of Diffoil-20, 8 oz of Apiezon L Grease, 30 mL of TFE Paste, 1 qt of Dow Corning 705(R) Diffusion Pump Fluid, 8 oz of Dow Corning (R) High Vacuum Grease, 1 lb of Solder SN63X38B, 10 oz of Cooling System Cleanser 2131N #7, 1 gal of ethylene glycol, 4 oz of Dylon Leak Detector, 8 oz of EPK 660n Part-A Varian Torrseal, 8 oz of EPK 660n Part-B Varian Torrseal, 11 oz of liquid wrench and <1 lb of epoxy resins.

Notes: cu ft = cubic feet
gal = gallons
lbs = pounds
L = liter
mL = milliliters
oz = ounces

VERSAR

ATTACHMENT 3

INVENTORY SHEETS FROM HAZARDOUS MATERIALS BUSINESS PLANS

Date: 8/15/02

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: ALTERA CORPORATION (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add, ☐ Delete, ☒ Revise (One page per building or area)

Chemical Location: Storage Area I (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes, ☒ No
Trade Secret Information? ☒ Yes, ☐ No

Facility ID # (Agency Use Only) - -

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
3	1	Diesel Fuel Tank Building #1			☐		☒ pure ☐ mixture	200	200	200	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No. ☐ EHS NA			☐		☐ solid ☒ liquid ☐ gas	Curies (If radioactive)	Days On Site: 365	Storage Container.* A				

101 Innovation Dr.

For a generator

File no. 409484
Reviewed + Approved 1/8/03 MLM

HAZARDOUS MATERIALS/WASTE REGISTRATION FORM

(Individual quantities less than state Hazardous Materials Business Plan reporting requirements)

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Authority Cited: California Fire Code; Hazardous Materials Storage Ordinance

NOV 20 2 27 PM '03

A. General Information

This registration form is to be completed and returned to the appropriate local agency if your facility has hazardous materials and none of the individual hazardous materials quantities equals or exceeds 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for gases. If, at any time, any of your individual hazardous materials quantities equals or exceeds the above amounts, a Hazardous Materials Business Plan (HMBP) may be required (pursuant to Chapter 6.95 of the California Health & Safety Code). If you must submit a HMBP, this registration form is not required.

B. Facility Information

Business Name: CINGULAR WIRELESS-SITE SF-918-01 — Type of Business: Telecommunications

Site Address: 2670 SEELY AV., BLDG. 11 AV — City: SAN JOSE — Zip: 95134-

Mailing/Billing Address: 3851 North Freeway Blvd. (If different from site address) — City: Sacramento — Zip: 95834

Business Owner/Contact Person: Sandie Peterson — Phone No.: (916) 561-4078

Property Owner: Cingular Wireless — Phone No.: (916) 561-4078

EPA ID Number (if applicable): _____ — SIC Code: 4812

C. Non-Waste Inventory Information

Complete the table below for all non-waste inventory. Use additional pages if necessary.

Hazard Class	Chemical/Common Name	Max. Qty. (at any one time)	Container Size (single largest container)	Location(s) (see section F)
COR WR	Battery Electrolyte containing Sulfuric Acid	26.28 ☒ gal. ☐ lbs ☐ cu. ft	1.46 ☒ gal. ☐ lbs. ☐ cu. ft.	BTS Cabinet
		☐ gal ☐ lbs ☐ cu ft.	☐ gal ☐ lbs. ☐ cu. ft.	
		☐ gal ☐ lbs ☐ cu ft.	☐ gal. ☐ lbs. ☐ cu. ft.	
		☐ gal. ☐ lbs. ☐ cu. ft	☐ gal. ☐ lbs ☐ cu. ft.	
		☐ gal ☐ lbs ☐ cu ft.	☐ gal ☐ lbs ☐ cu ft.	
		☐ gal. ☐ lbs. ☐ cu. ft.	☐ gal. ☐ lbs. ☐ cu. ft.	
		☐ gal ☐ lbs ☐ cu. ft.	☐ gal. ☐ lbs. ☐ cu. ft.	
		☐ gal ☐ lbs. ☐ cu ft.	☐ gal. ☐ lbs. ☐ cu. ft.	
		☐ gal ☐ lbs. ☐ cu ft.	☐ gal. ☐ lbs ☐ cu. ft.	
		☐ gal. ☐ lbs ☐ cu ft	☐ gal. ☐ lbs. ☐ cu. ft.	

Additional Information Required On Back

Fire # 409484

HAZARDOUS MATERIALS/WASTE REGISTRATION FORM

(Individual quantities less than state Hazardous Materials Business Plan reporting requirements)

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Authority Cited: California Fire Code; Hazardous Materials Storage Ordinance

A. General Information

This registration form is to be completed and returned to the appropriate local agency if your facility has hazardous materials and none of the individual hazardous materials quantities equals or exceeds 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for gases. If, at any time, any of your individual hazardous materials quantities equals or exceeds the above amounts, a Hazardous Materials Business Plan (HMBP) may be required (pursuant to Chapter 6.95 of the California Health & Safety Code). If you must submit a HMBP, this registration form is not required.

B. Facility Information

Business Name: **CINGULAR WIRELESS** Type of Business: **TELECOM**

Site Address: **2670 SEELY AVE BLDG 11** City: **SAN JOSE** Zip: **95134**

Mailing/Billing Address: **4420 ROSEWOOD DR BLDG 2 FLR 3** City: **PLEASANTON** Zip: **94588**
If different from site address

Business Owner/Contact Person: **CINGULAR/JAY THOMAS** Phone No : **(925) 413-8448**

Property Owner **CADENCE DESIGN SYSTEMS** Phone No : **(408) 894-2587**

EPA ID Number (if applicable) _____ SIC Code: **4812**

C. Non-Waste Inventory Information

Complete the table below for all non-waste inventory. Use additional pages if necessary.

Hazard Class	Chemical/Common Name	Max. Qty. (at any one time)	Container Size (single largest container)	Location(s) (see section F)
8	SULFURIC ACID	9.9 ☒ gal. ☐ lbs ☐ cu. ft	.825 ☒ gal. ☐ lbs. ☐ cu. ft	ROOF
		☐ gal ☐ lbs ☐ cu. ft	☐ gal ☐ lbs ☐ cu. ft	
		☐ gal. ☐ lbs ☐ cu ft	☐ gal. ☐ lbs ☐ cu. ft	
		☐ gal ☐ lbs ☐ cu. ft	☐ gal ☐ lbs ☐ cu ft.	
		☐ gal ☐ lbs ☐ cu ft.	☐ gal ☐ lbs ☐ cu ft.	
	409484 2670 SEELY AVE BLDG 11 2002-040011-CI 02APR02 CINGULAR WIRELESS	☐ gal ☐ lbs ☐ cu. ft	☐ gal ☐ lbs ☐ cu. ft	
		☐ gal. ☐ lbs ☐ cu ft	☐ gal ☐ lbs ☐ cu ft.	
	APPROVED FOR COMPLIANCE WITH HAZ MAT REQUIREMENTS.	☐ gal ☐ lbs. ☐ cu ft	☐ gal. ☐ lbs. ☐ cu ft	
	DATE 2/14/03	☐ gal ☐ lbs. ☐ cu. ft	☐ gal ☐ lbs ☐ cu ft.	
		☐ gal ☐ lbs ☐ cu ft	☐ gal ☐ lbs. ☐ cu. ft	

Additional Information Required On Back

D. Hazardous Waste Inventory Information (Hazardous Waste Generator Permit Application/Amendment)

Complete the table below for all waste inventory. Use additional pages if needed.

Hazard Class	Name of Hazardous Waste	Treatment/Disposal Method(s) (Definitions provided at bottom of page)	Max. Qty. (If any one time)	Annual Qty. Generated	Location(s) (see Section E)
		☐ Recycled on-site. ☐ Treated on-site. ☐ Shipped off-site for recycling/treatment/disposal	☐ gal. ☐ lbs. ☐ cu. ft.	☐ gal. ☐ lbs. ☐ cu. ft.	
		☐ Recycled on-site. ☐ Treated on-site. ☐ Shipped off-site for recycling/treatment/disposal	☐ gal. ☐ lbs. ☐ cu. ft.	☐ gal. ☐ lbs. ☐ cu. ft.	
		☐ Recycled on-site. ☐ Treated on-site. ☐ Shipped off-site for recycling/treatment/disposal	☐ gal. ☐ lbs. ☐ cu. ft.	☐ gal. ☐ lbs. ☐ cu. ft.	
		☐ Recycled on-site. ☐ Treated on-site. ☐ Shipped off-site for recycling/treatment/disposal	☐ gal. ☐ lbs. ☐ cu. ft.	☐ gal. ☐ lbs. ☐ cu. ft.	
		☐ Recycled on-site. ☐ Treated on-site. ☐ Shipped off-site for recycling/treatment/disposal	☐ gal. ☐ lbs. ☐ cu. ft.	☐ gal. ☐ lbs. ☐ cu. ft.	
		☐ Recycled on-site. ☐ Treated on-site. ☐ Shipped off-site for recycling/treatment/disposal	☐ gal. ☐ lbs. ☐ cu. ft.	☐ gal. ☐ lbs. ☐ cu. ft.	

E. Additional Disposal Information

For the following questions, check the appropriate box:

1. Does this facility discharge process waste waters to sanitary sewer? ☐ Yes; ☐ No
2. Does this facility generate infectious/biomedical wastes? ☐ Yes; ☐ No
3. Does this facility store/handle radioactive materials? ☐ Yes; ☐ No

F. Facility Site Plan/Storage Map

Prepare and submit with this Registration Form a simple site map (see next page) which shows the following information:

- North direction • Street(s) adjacent to facility • Location of storm drains • Electrical, water, and gas shutoff valves
- Basic floor plan for each building containing hazardous materials/wastes which indicates building entrance(s) and hazardous material/waste storage locations (use grid locations or assign a code - A, B, C, etc. - to clearly identify each storage location for use in the above inventories).

I declare that the above information is true and correct to the best of my knowledge. I agree to comply with all applicable regulations regarding storage, handling, and disposal of hazardous materials and hazardous or biomedical wastes.

DIANE SLATTERY — Owner/Operator's Name (Print)

Diane Slattery — Owner/Operator's Signature

2/18/03 — Date

Definitions of Treatment/Disposal Methods

Recycled on-site - The facility takes the waste or any constituent of the waste, treated or not, and reuses it on-site or ships it off-site as an Excluded Recyclable Material.

Treated on-site - The facility employs any method, technique, or process which changes or is designed to change the physical, chemical or biological character or composition of the hazardous waste or any material contained therein, or removes or reduces its harmful properties or characteristics for any purpose including, but not limited to, energy recovery, material recovery, or reduction in volume. (e.g. pH adjustment, evaporation, precipitation, filtration, distillation, compacting, etc.) If, after treatment, the material is reused at the facility, the "Recycled on-site" box in the waste inventory table should be checked.

Shipped off-site for recycling/treatment/disposal - The facility sends the waste, or any hazardous treatment residual, to an off-site permitted treatment, storage, or disposal facility (TSDF).

Note. Depending on how a waste or its constituents are recycled and/or treated, more than one treatment/disposal category may apply. All applicable boxes in column 3 of the waste inventory table should be checked.

RECEIVED

JUN 28 1999

HAZARDOUS MATERIALS BUSINESS PLAN
Section A - General Information

406986

FIRE PREVENTION BUREAU 7/2/99

1. Facility Information: *(Note: Print or type all information. Instructions are located on the other side of this page.)*

Business Name: DIRECTED LIGHT, INC. Business Phone: (408) 321-8500

Site Address: 633 RIVER OAKS PARKWAY

City: SAN JOSE State: CA Zip: 95134

Dunn & Bradstreet No.: 12-139-2450 Primary SIC Code *(4 digit)*: ~~5060~~ Now: 333992

Operator Name: VALERIE LAZARES Operator Phone: (408) 321-8500

2. Owner Information:

Owner Name: UNITEK MIYACHI CORPORATION Owner Phone: (626) 303-5676

Owner Mailing Address: 1820 S. MYRTLE AVENUE
If different from site address

City: MONROVIA State: CA Zip: 91017-7133

3. Environmental Contact:

Contact Name: MIKE ROBERTS Contact Phone: (408) 321-8500

Contact Mailing Address:
If different from site address

City: State: Zip:

4. Emergency Contacts:

Primary Emergency Coordinator	Secondary Emergency Coordinator
Name: VALERIE LAZARES	Name: PETER JEPSEN
Title: ADMINISTRATIVE MANAGER	Title: LEAD OPERATOR
Business Phone: (408) 321-8500	Business Phone: (408) 321-8500
24 Hour Phone: (408) 745-0703	24 Hour Phone: (408) 923-5944
CELLULAR Pager No.: (408) 221-5052	Pager No.: ( )

☐ *(Check box only if applicable)* Additional Emergency Coordinators are listed on page _____ of this HMBP.

5. California Accidental Release Prevention (CalARP) Program:

Are CalARP-Regulated Substances Present On-Site? ☐ Yes; ☐ No *(Note: See instructions on reverse side of this page.)*

6. Additional Required Information:

EPA ID No.: CAL000177284 Principal Type of Business: INDUSTRIAL LASER SYSTEM INTEGRATOR

Billing Address: 633 RIVER OAKS PARKWAY City: SAN JOSE State: CA Zip: 95134
If different from owner mailing address

Industrial Waste Discharge Contact: MIKE ROBERTS Phone No.: (408) 321-8500

Property Owner: McCANDLESS GROUP Phone No.: (408) 727-2007

Facility Hours of Operation: 6:00AM-MIDNIGHT OR 24 Hours No. of Employees Per Shift: Day 34 ; Swing: 2 ; Grave 03

7. OWNER/OPERATOR CERTIFICATION: **Based upon my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted in this Hazardous Materials Business Plan and believe the information is true, accurate, and complete.**

Name of HMBP Document Preparer *(Print)*: VALERIE LAZARES Title: ADMINISTRATIVE MANAGER

Signature of Owner/Operator: Valerie Lazares Date: 3/24/99

Non-Waste Hazardous Material Inventory Statement

Storage System / Area: **Exterior 103**

Item #	1) Hazard Class	2) Common/Trade Name	3) Chemical Name Components & Concentrations	4) Abstract Service #	5) Physical State	6) Quantity on Hand Max	Avg	Largest Container	7) Units	8) Days On Site	9) Storage Code Type	Pres	Temp	10) SARA Class
A	2.1	Acetylene			M,G	125		125	CF	365	L	1	4	
B	5.1	Oxygen			P,G	278		278	CF	365	L	1	4	
C	2.2	Hydrogen/Argon Mix	1% Hydrogen		M,G	834		278	CF	365	L	1	4	
D	2.2	Helium/Argon Mix	1% Helium		M,G	1,112		278	CF	365	L	1	4	
E	2.2	Nitrogen			P,G	556		278	CF	365	L	1	4	
F	2.2	Helium			P,G	278		278	CF	365	L	1	4	
G	2.2	CO2/He/N Mix	1% Helium		M,G	4,448		278	CF	365	L	1	4	
Q	5.1	Cryogenic Oxygen			P,L,G	39		4000CF	GL	365	L	1	7	
R	2.2	Cryogenic Argon			P,L,G	39		4000CF	GL	365	L	1	7	
S	2.2	Cryogenic Nitrogen			P,L,G	39		3500CF	GL	365	L	1	7	

470906

Approved R. Fong 5/18/04

HAZARDOUS MATERIALS/WASTE REGISTRATION FORM

(Individual quantities less than state Hazardous Materials Business Plan reporting requirements)

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Authority Cited: California Fire Code; Hazardous Materials Storage Ordinance

A. General Information

This registration form is to be completed and returned to the appropriate local agency if your facility has hazardous materials and none of the individual hazardous materials quantities equals or exceeds 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for gases. If, at any time, any of your individual hazardous materials quantities equals or exceeds the above amounts, a Hazardous Materials Business Plan (HMBP) may be required (pursuant to Chapter 6.95 of the California Health & Safety Code). If you must submit a HMBP, this registration form is not required.

B. Facility Information

Business Name: **Hemosense** Type of Business: medical

Site Address: **651 River Oaks Parkway** City: **San Jose** Zip: **95134**

Mailing/Billing Address: _____ City: _____ Zip: _____
If different from site address

Business Owner/Contact Person: **Gary Hewett** Phone No.: **(408) 934-4117**

Property Owner: **McCandless Managment** Phone No.: **(408) 727-2007**

EPA ID Number (if applicable): **n.a.** SIC Code: **384102**

C. Non-Waste Inventory Information

Complete the table below for all non-waste inventory. Use additional pages if necessary.

Hazard Class	Chemical/Common Name	Max. Qty. (at any one time)	Container Size (single largest container)	Location(s) (see section F)
I R L	Household Bleach	1 ☒ gal. ☐ lbs ☐ cu. ft	1 ☒ gal. ☐ lbs ☐ cu. ft.	Flammable Cabinet I - II
3	Isopropyl Alcohol	6 ☒ gal. ☐ lbs ☐ cu. ft.	1 ☒ gal ☐ lbs. ☐ cu. ft.	Flammable Cabinet I - II
3	Acetone	1 ☒ gal. ☐ lbs. ☐ cu. ft.	1 ☒ gal. ☐ lbs. ☐ cu. ft.	Flammable Cabinet I - II
		☐ gal ☐ lbs ☐ cu. ft.	☐ gal. ☐ lbs. ☐ cu ft	
		☐ gal. ☐ lbs. ☐ cu. ft.	☐ gal ☐ lbs. ☐ cu ft.	
		☐ gal. ☐ lbs ☐ cu ft	☐ gal. ☐ lbs. ☐ cu. ft.	
		☐ gal ☐ lbs. ☐ cu ft	☐ gal. ☐ lbs. ☐ cu. ft.	
		☐ gal ☐ lbs. ☐ cu ft.	☐ gal. ☐ lbs. ☐ cu ft.	
		☐ gal ☐ lbs. ☐ cu ft.	☐ gal. ☐ lbs. ☐ cu ft	
		☐ gal. ☐ lbs ☐ cu ft.	☐ gal ☐ lbs. ☐ cu. ft.	

Additional Information Required On Back

Date: 07/10/____

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: HONEYWELL 677 RIVER OAKS PARKWAY, SAN JOSE
(Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Page ____ **of** ____ (One page per building or area)

Chemical Location: Bldg 1 (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only): 43-0606-496061

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
3	2,3,4,5,6,7,8,9	ACETONE CAS No.: 67641			☐		☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	10 Curies: (If radioactive)	3 Days On Site: 365	500ML Storage Container:* N	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb	☒ ambient ☐ > amb. ☐ < amb ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
3	3,8	HEXANE CAS No.: 110-54-3			☐		☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	4 Curies: (If radioactive)	2 Days On Site: 365	500ML Storage Container:* N	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb	☒ ambient ☐ > amb. ☐ < amb ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
3	2,3,4,5,6,7,8,9	ISOPROPYL ALCOHOL CAS No.: 67-63-0			☐		☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	10 Curies: (If radioactive)	3 Days On Site: 365	500ML Storage Container:* N	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
8	1	HYDROFLUORIC ACID AQUEOUS CAS No.: 7664-39-3	HDROGEN FLUORIDE, ANDHYDROUS	10	☒	7664-39-3	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	55 Curies: (If radioactive)	25 Days On Site: 365	O Storage Container:* O,N,C	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb ☐ < amb. ☐ cryogenic	☐ fire ☒ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
8	1	SODIUM HYDROXIDE, ANHYDROUS CAS No.: 1310-73-2			☐		☒ pure ☐ mixture ☒ solid ☐ liquid ☐ gas	195 Curies: (If radioactive)	98 Days On Site: 365	O Storage Container:* E	☐ gallons ☒ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb ☐ < amb. ☐ cryogenic	☐ fire ☒ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
8	1	SULFURIC ACID 13-50% CAS No.: 7664-93-9	SULFURIC ACID 98%	50	☐		☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	16 Curies: (If radioactive)	8 Days On Site: 365	16 Storage Container:* E	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb ☐ cryogenic	☐ fire ☒ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive

* Storage Type Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below: _____

Non-Waste Hazardous Materials Inventory Statement

Date: 07/10/___

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: HONEYWELL 677 RIVER OAKS PARKWAY, SAN JOSE (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Page ____ **of** ____ (One page per building or area)

Chemical Location: Main Bldg 1 (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No

Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only): 43-0600-4960611

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
8	3	COPPER CLEANER	NITRIC ACID	60	☐	7697-37-2	☐ pure ☒ mixture	2	1	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☒ chronic health ☐ radioactive
			HYDROFLUORIC ACID	35	☐	7664-39-3								
			ACETIC ACID	5	☐	64-19-7	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
		CAS No.: ☐ EHS			☐									
					☐									
8	3	POTASSIUM HYDROXIDE AQUOUS SOLUTION	POTASSIUM HYDROXIDE	45	☐	1310-58-3	☐ pure ☒ mixture	1	.75	500ML	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☒ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
		CAS No.: 1310-58-3 ☐ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* M				
3	3	BOOSTER FLUID	METHANOL		☐	67-56-1	☐ pure ☒ mixture	2	.40	500ML	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
3	9 FLCAB	BELT DRESSING	ALIPHATIC HYDROCARBONS	77	☐	8052-41-3	☐ pure ☒ mixture	.5	.25	250ML	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☒ pressure release ☐ acute health ☒ chronic health ☐ radioactive
			TOLUENE		☐	108883								
			CASTOR OIL		☐	8001794	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* R				
		CAS No.: ☐ EHS	CARBON DIOXIDE		☐	124389								
					☐									
	9 FLCAB	HYPREZ W LUBRICANT	POLYGLYCOL		☐		☐ pure ☒ mixture	1	1	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
					☐									
					☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
		CAS No.: ☐ EHS			☐									
					☐									
	9 FLCAB	COOLANT CONDITIONER 5700	HEXAHYDRO-1,3,5- TRIS	78.5	☐	4719-04-4	☐ pure ☒ mixture	1	1	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☒ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
					☐									
					☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
		CAS No.: ☐ EHS			☐									
					☐									

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below: _____

Date: 07/12/____

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: HONEYWELL 677 RIVER OAKS PARKWAY, SAN JOSE (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Page ____ **of** ____ (One page per building or area)

Chemical Location: Main Bldg 1 (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No

Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only): 43-0606-496061

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
3	9 FLCAB	ABS PLASTIC PIPE CEMENT	METHYL ETHYL KETONES	55	☐	78-93-3	☐ pure ☒ mixture	1	.25	237ML	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
			ABS RESIN	40	☐	9003-56-9								
			ACETONE	20	☐	67-64-1	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* F				
		CAS No.:			☐									
		☐ EHS			☐									
3	9 FLCAB	STA-LUBE GREASE SUPER WHITE	NAPHTHENIC OIL	100	☐	64741-52-2	☐ pure ☒ mixture	.9	.5	1	☐ gallons ☒ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
			ZINC OXIDE	.05	☐	1314-13-2								
					☐		☒ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* R				
		CAS No.:			☐									
		☐ EHS			☐									
3	9 FLCAB	RAPID TAP CUTTING FLUID	ETHANE	0.8	☐	67721	☐ pure ☒ mixture	.2	.06	370ML	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☒ chronic health ☐ radioactive
			1,3 DIOXOLANE	.02	☐	646-06-0								
			BUTANOL	1.5	☐	78922	☒ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* F				
		CAS No.:	TRADE SECRET	.1	☐									
		☐ EHS			☐									
3	9 FLCAB	TETRA RUST PREVENTIVE 5500	MINERAL SPIRITS	60	☐	8052-41-3	☐ pure ☒ mixture	4	2	1	☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb ☐ < amb. ☐ cryogenic	☐ fire ☒ reactive ☐ pressure release ☒ acute health ☒ chronic health ☐ radioactive
			PETROLEUM OXYGENATES	20	☐									
			MINERAL OIL	15	☐	8012-95-1	☒ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
		CAS No.:	PROPYLENE GLYCOL MONOMETHYL	4	☐	107-98-2								
		☐ EHS			☐									
3	9 FLCAB	MOBILE SPINDLE OIL	STRAIGHT RUN GAS OIL	15	☐	64741442	☐ pure ☒ mixture	1	.4	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
			LIGHT NAPHTHENIC DISTILLATE	80	☐	64741-52-2								
					☐		☒ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* F				
		CAS No.:			☐									
		☐ EHS			☐									
3	9 FLCAB	SPRAY PAINT CANS	ACETONE	60	☐	67-64-1	☐ pure ☒ mixture	1	1	370ML	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☒ pressure release ☒ acute health ☐ chronic health ☐ radioactive
			HEPTANE(n)	7	☐	142-82-5								
			BUTANE	10	☐	106-97-8	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* F				
		CAS No.:	PROPANE	10	☐	74-98-6								
		☐ EHS	2-PROPANOL,1-METHOXY,-ACETATE	5	☐	108-65-6								

* Code: A Aboveground Tank; D Steel Drum; G Carboy; J Bag; M Glass Bottle or Jug; P Tank Wagon

If EPCRA, sign below:

Date: 07/12/____

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: HONEYWELL 677 RIVER OAKS PARKWAY, SAN JOSE (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Page ____ **of** ____ (One page per building or area)

Chemical Location: Main Bldg 1 (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No

Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only): 43-0604-496061

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
3	9 FLCAB	TAPMATIC CUTTING FLUID #2	ALIPHATIC HYDROCARBONS	80	☐	64742-47-8	☐ pure ☒ mixture	1	475ML	475ML	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
		CAS No.:			☐ EHS		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* F				
3	9 FLCAB	CUTTING OIL DARK	PETROLEUM HYDROCARBONS	90	☐	64742-52-5	☐ pure ☒ mixture	1	1	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
			CHLORINATED PARAFFIN	5	☐	108171-27-3								
			SULFURIZED HYDROCARBON	5	☐	19795	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
		CAS No.:			☐ EHS									
	9 FLCAB	WAY OIL ISO 68	OIL MIST, MINERAL	95	☐		☐ pure ☒ mixture	1	1	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
			TRADE SECRET		☐									
		CAS No.:			☐ EHS		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
ORM -D	9 FLCAB	WD-40 AEROSOL	ALIPHATIC PETROLEUM DISTILLATES	45	☐	8052-41-3	☐ pure ☒ mixture	1	355ML	355ML	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
			PETROLEUM BASE OIL	25	☐	64742-65-0								
			LVP HYDROCARBON FLUID	18	☐	64742-47-8	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* F				
		CAS No.:	CARBON DIOXIDE	3	☐ EHS	124-38-9								
3	9 FLCAB	3M SUPER 77 BRAND ADHESIVE SPRAY	NONVOLATILE COMPONENTS	20	☐	TRADE SECRET	☐ pure ☒ mixture	1	484ML	484ML	☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb. ☐ cryogenic	☒ fire ☒ reactive ☒ pressure release ☒ acute health ☒ chronic health ☐ radioactive
			CYCLOHEXANE	10	☐	110-82-7								
			2-METHYLPENTANE	10	☐	107-83-5	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* F				
		CAS No.:	HEXANE	1	☐ EHS	110-54-3								
			DIMETHYL ETHER	7	☐	115-10-6								
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
					☐									
		CAS No.:			☐ EHS		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				

* Storage Type Codes: A Aboveground Tank; B Belowground Tank; D Steel Drum; E Plastic/Non-metallic Drum; G Carboy; H Silo; J Bag; K Box; M Glass Bottle or Jug; N Plastic Bottle or Jug; P Tank Wagon; Q Rail Car

If EPCRA, sign below:

Date: 07/12/____

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: HONEYWELL 677 RIVER OAKS PARKWAY, SAN JOSE
(Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Page ____ **of** ____ (One page per building or area)

Chemical Location: Main Bldg 1
(Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only): 43-06060-49606 1

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
2.2 NFG	9,10	ARGON	ARGON	100	☐	7440-37-1	☒ pure ☐ mixture	500	250	250	☐ gallons ☐ pounds ☒ cu. feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☒ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS					☐ solid ☐ liquid ☒ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* L				
2.1 FG	9	ACETYLENE	ACETYLENE	100	☐	74-86-2	☒ pure ☐ mixture	118	118	118	☐ gallons ☐ pounds ☒ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☒ reactive ☒ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS					☐ solid ☐ liquid ☒ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* L				
2.2 NFG 5.1 OX	9,10	OXYGEN	OXYGEN	99.5	☐	7782-44-7	☒ pure ☐ mixture	750	750	250	☐ gallons ☐ pounds ☒ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☒ reactive ☒ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS					☐ solid ☐ liquid ☒ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* L				
2.1 FG	10	HYDROGEN	HYDROGEN	99.9	☐	1333-74-0	☒ pure ☐ mixture	1250	1250	250	☐ gallons ☐ pounds ☒ cu. feet ☐ tons	☒ ambient ☐ > amb ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☒ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS					☐ solid ☐ liquid ☒ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* L				
2.2	10	NITROGEN, COMPRESSED GAS	NITROGEN	100	☐	7727-37-9	☐ pure ☐ mixture	80	80	80	☐ gallons ☐ pounds ☒ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☒ pressure release ☒ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS					☐ solid ☐ liquid ☒ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* L				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS					☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below: _____

Date: /__/___

Hazardous Waste Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: HONEYWELL 677 RIVER OAKS PARKWAY, SAN JOSE
(Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Page ____ **of** ____ (One page per building or area)

Chemical Location: BLDG 1 (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only): 43-0600-4961

1. Haz. Class	2. Map and Grid or Location Code	3. Waste Stream Name	4. Hazardous Components: Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities: Max. Daily	Average Daily	Largest Cont.	7. Annual Waste Amount	8. Units	9. Storage Codes: Storage Pressure	Storage Temp.	10. Hazard Categories
8	10	CORROSIVES	NITRIC ACID	60	☐	7697-37-2	☒ waste	1	1	1	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☒ chronic health ☐ radioactive
			HYDROFLUORIC ACID	35	☐	7664-39-3									
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site	ACETIC ACID	5	☐	64-19-7	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N	State Waste Code: 352				
	10	NON-RCRA DEBRIS	GLOVES	60	☐		☒ waste	660	27	220	660	☐ gallons ☒ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☒ acute health ☒ chronic health ☐ radioactive
			HYDROFLUORIC ACID	1	☐	7664-39-3									
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site	RAGS	25	☐		☒ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* E	State Waste Code: 352				
			WIPES	20	☐										
3	10	SOLVENT MIXTURE	ACETONE	75	☐	67641	☒ waste	15	1	15	50	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
			ISOPROPYL ALCOHOL	75	☐	67-63-0									
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* D	State Waste Code: 212				
3	10	DEBRIS WITH SOLVENTS	ACETONE	TR	☐	67641	☒ waste	660	27	220	660	☐ gallons ☒ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
			ISOPROPYL ALCOHOL	TR	☐	67-63-0									
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site	EMPTY PLASTIC BOTTLES		☐		☒ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N	State Waste Code: 352				
			WIPES		☐										
					☐		☒ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐		☒ waste					☐ gallons ☐ pounds ☐ cu. feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				

* Code Storage Type — Code Storage Type — Code Storage Type — Code Storage Type — Code Storage Type — Code Storage Type

If EPCRA, sign below:

UNIFORM HAZARDOUS MATERIALS BUSINESS PLAN

Section A- General Information

1. Facility Information: *(Note. Print or type all information. Instructions are located on the other side of this page.)*

Business Name: Lattice Semiconductor Corporation — Business Phone: (408) 286-6000

Site Address: 2680 Zanker Rd.

City: San Jose — State: CA — Zip: 95134-2100

Dunn & Bradstreet No. — Primary SIC Code *(4 digit)*: 8710

Operator Name: Lattice Semiconductor Corporation — Operator Phone: (408)

2. Business Owner Information:

Owner Name: Publicly held company — Owner Phone: (503) 681-0118

Owner Mailing Address: 5555 NE Moore Court
Complete only if different from business address.

City: Hillsboro — State: OR — Zip: 97124

3. Environmental Contact:

Contact Name: Eric Lee — Contact Phone: (408)

Contact Mailing Address:
Complete only if different from business address.

City: — State: CA — Zip:

4. Emergency Contacts:

Primary Emergency Coordinator	Secondary Emergency Coordinator
Name: Eric Lee	Name: Terri Carver
Title: Facilities Supervisor	Title: Administrative Services Manager
Business Phone: (408) ~~to be determined~~ 826-6007	Business Phone: (408) ~~to be determined~~ 826-6006
24-Hour Phone: (408) ~~488-3102~~	24 Hour Phone: (408) 209-5104
Pager Number: (408) ~~488-3102~~ 939-1243	Pager Number: (408) 939-3253

☐ (Check Box only if applicable) Additional Emergency Coordinators are listed on page ____ of this HMBP.

5. Acutely Hazardous Materials (AHMs):

Are AHMs present On-Site? ☐ Yes; ☒ *No (Note: if yes, contact your local agency regarding an AHM Registration appendix to the HMBP.)*

6. Additional Required Information:

EPA ID No.: ~~To Be Determined~~ CAL000212548 — Principal Type of Business: Design and manufacture logic devices (eprom)

Billing Address — City: — State: CA — Zip:
Complete only if different from business address.

Industrial Waste Discharge Contact: — Phone No.: (408)

Property Owner: Carr America — Phone No.: (650) 524-5524

Facility Hours of Operation: 8 am - 7 pm — No. Of Employees Per Shift: Day 320 ; Swing: 0 ; Grave 0

7. OWNER/OPERATOR CERTIFICATION:

I am an officer at the level of Vice-President General Partner, Sole Proprietor, of higher. I hereby certify under penalty of law that this information was obtained in accordance with applicable requirements. Based upon my inquiry of those individuals responsible for obtaining the information reported herein, I believe that the submitted information is true, accurate, and complete.

Name of HMBP Document Preparer (Print): Sue H. Ash — Title: Chemical & Engineering Consultant

Signature of Owner/Operator: Eric Lee — Date: 5/18/00

UFC - Hazardous Material Inventory Statement

Business Name: Lattice Semiconductor
Address: Lattice Semiconductor, 2680 Zanker Road, San Jose

Occupancy: B
Sprinklered? Yes

(1) UFC Hazard Class	(2) Common Trade Name/ Chemical Name		(3) Chemical Abstract Service #	(4) Physical State, Type	(5) Storage & Use Quantities				(6) Quantity on Hand			(7) Storage Conditions			(8) Units	(9) Bldg./Area Control Area Room No
					Stored	E.R. Cab?	Use (open)	Use (closed)	Total	Avg	Largest Container	Type	Pres	Temp		
CL IIIB	01562 Capella Oil WF 66			Liquid	0			1	1	5	1	M	1	4	Gal	lab
FL-1B	1 - Chlorobutane		109-69-3	Liquid	0		5		5	2.5	5	M	1	4	Gal	lab
Irr	1 Chlorobutane	100	109 69 3	Pure												
OHH	1429 Soldering Flux			Liquid	0	Yes	25		25	12.5	25	M	1	4	Gal	hardware
	Hazardous Ingredients 1% or															
	Carcinogens 0.1% or															
OHH	24-6040-6403 Solder			Liquid	0			1	1	5	1	M	1	4	Gal	lab
OHH	245 Flux Cored Solder			Solid	0	Yes	3		3	1.5	3	M	1	4	Lbs	hardware
N/R	3M Brand Maintenance Sorbent			Liquid	0			1	1	.5	1	M	1	4	Gal.	lab
	Polypropylene	47.0-9	9003-07-0													
	Polyester		none													
	Acrylic Resin		none													
OHH	44 Flux Cored Solder			Solid	4	Yes	1		5	1.5	5	M	1	4	Lbs.	hardware
OHH	60-40 Duratec Solder			Liquid	0			1	1	5	1	M	1	4	Gal.	lab
CL IIB	A-100 Vacuum Pump Oil			Liquid	0			1	1	5	1	M	1	4	Gal	lab
FL-1B	Acetone		67-64-1	Liquid	0.5	Yes	0.5		1	5	1	M	1	4	Gal	hardware
Irr	dichloromethane	100	67-64-1	Pure												
FG	Acetylene		74-86-2	Liquid	0			1	1	.5	1	M	1	4	Gal.	lab
UR-2	acetylene	100		Pure												

HAZARD CLASS
Aero = Aerosols
Carc = Carcinogenic
CL = Combustible Liquids
DF = Combustible Fiber/Dust
Corr = Corrosives
CRY = Cryogenic
EXP = Explosive
FB = Flammable Solid
FG = Flammable Gas
FL = Flammable Liquids
H.T. = Highly Toxic
N/R = Non-Regulated per UFC
NFG = Non-Flammable Gas
Irr = Irritant
OHH = Other Health Hazard
Oxy = Oxidizer
Perox = Organic Peroxide
Pyro = Pyrophoric
Rad = Radioactive
Sens = Sensitizer
Tox = Toxic
UR = Unstable Reactive
WR = Water Reactive

STORAGE/CONTAINER CODES
A = Aboveground Tank
B = Belowground Tank
C = Tank inside building
D = Steel Drum
E = Plastic or non-metal drum
F = Can
G = Carboy
I = Fiberdrum
J = Bag
K = Box
L = Cylinder
M = Glass Bottle or Jug
N = Plastic
O = Tote Bin
P = Tank Wagon

PRESSURE CODES
1 = Atmospheric
2 = Pressurized
3 = Subatmospheric

TEMPERATURE CODES
4 = Room Temperature
5 = Greater than room temp.
6 = Less than room temp.
7 = Cryogenic

LOCATION/MAP KEY

5/11/2000

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UFC - Hazardous Material Inventory Statement

Business Name: Lattice Semiconductor
Address: Lattice Semiconductor, 2680 Zanker Road, San Jose

Occupancy: B
Sprinklered? Yes

(1) UFC Hazard Class	(2) Common Trade Name/ Chemical Name		(3) Chemical Abstract Service #	(4) Physical State, Type	(5) Storage & Use Quantities				(6) Quantity on Hand			(7) Storage Conditions			(8) Units	(9) Bldg./Area Control Area Room No
					Stored	F.R. Cab.	Use (open)	Use (closed)	Total	Avg	Largest Container	Type	Pres	Temp		
FL-1B OHH	**Ant & Roach Killer (aerosol)**			Liquid	0		2		2	1	2	M	1	4	Gal	lab
	Isobutane (Propellant)	20	75-28-5													
	Hydrocarbon Solvent	20	64742-47-8													
	1,1,1-Trichloroethane	350	71-55-6													
CL-IIIB OHH	**Anti-Freeze**			Liquid	0		1		1	.5	1	M	1	4	Gal	lab
OHH	**Blue Shower Cleaner/Degreaser**			Liquid	0			1	1	.5	1	M	1	4	Gal	lab
	1,1,2-Trichlorotrifluoroethane	30-40	76-13-1													
	Trichlorofluoromethane	40-50	75-69-4													
	Carbon Dioxide	<2	124-38-9													
CL-IIIB	**Busch R-590 Oil**			Liquid	0			1	1	.5	1	M	1	4	Gal	lab
CL-IIIB	**C-3 Refrigeration Oil**			Liquid	0			1	1	.5	1	M	1	4	Gal	lab
CL-II Tox	**CE-Cyan Toner Intensfier (A-2063)**			Liquid	0			1	1	.5	1	M	1	4	Gal	lab
	Hydrocarbon Solvent	95	64742-48-9													
FL-1B	**CE-Magent Toner Premix (A-2012)**			Liquid	0			1	1	.5	1	M	1	4	Gal	lab
	Isoparaffinic hydrocerbon	85%	64742-48-9													
	Polymer*															
	Pigment*															

HAZARD CLASS
Aero = Aerosols
Carc = Carcinogenic
CL = Combustible Liquids
CF = Combustible Fiber/Dust
Cor = Corrosive
CRY = Cryogenic
EXP = Explosive
FS = Flammable Solid
FG = Flammable Gas
FL = Flammable Liquids
H.T. = Highly Toxic
NR = Non-Regulated per UFC
NFG = Non-Flammable Gas
Irr = Irritant
OHH = Other Health Hazard
Oxy = Oxidizer
Perox = Organic Peroxide
Pyro = Pyrophoric
Rad = Radioactive
Sens = Sensitizer
Tox = Toxic
UR = Unstable Reactive
WR = Water Reactive

STORAGE/CONTAINER CODES
A = Aboveground Tank
B = Belowground Tank
C = Tank inside building
D = Steel Drum
E = Plastic or non-metal drum
F = Can
G = Carboy
I = Fiberdrum
J = Bag
K = Box
L = Cylinder
M = Glass Bottle or Jug
N = Plastic
O = Tote Bin
P = Tank Wagon

PRESSURE CODES
1 = Atmospheric
2 = Pressurized
3 = Subatmospheric

TEMPERATURE CODES
4 = Room Temperature
5 = Greater than room temp.
6 = Less than room temp.
7 = Cryogenic

LOCATION/MAP KEY

5/11/2000

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UFC - Hazardous Material Inventory Statement

Business Name: Lattice Semiconductor
Address: Lattice Semiconductor, 2680 Zanker Road, San Jose

Occupancy: B
Sprinklered? Yes

(1) UFC Hazard Class	(2) Common Trade Name/ Chemical Name		(3) Chemical Abstract Service #	(4) Physical State, Type	(5) Storage & Use Quantities				(6) Quantity on Hand			(7) Storage Conditions			(8) Units	(9) Bldg./Area Control Area Room No
					Stored	F.R. Cab?	Use (open)	Use (closed)	Total	Avg	Largest Container	Type	Pres	Temp		
FL-1B	CE-Processs Black Toner Premix A-2011)			Liquid	0			1	1	.5	1	M	1	4	Gal.	lab
	Isoparaffinic hydrocarbon	95%	64742-48-9													
FL-1B	Die Mark Ink Remover			Liquid	0		.25		.25	.125	.25	M	1	4	Gal	lab
FL-1B	Ethyl Alcohol (denatured)			Liquid	0			1	1	5	1	M	1	4	Gal	lab
N/R	Fibrous Glass (oven insulation)			Liquid	0			1	1	5	1	M	1	4	Gal	lab
	fibrous glass	85-96	65997-17-3													
	cured phenolformaldehyde	4-15	25104-55-6													
N/R	Fluorinert PC-77			Liquid	0		.25		.25	.125	.25	M	1	4	Gal.	lab
FL-1B	Fluxsolv II			Liquid	0		.18		.18	.09	.18	M	1	4	Gal.	lab
N/R	FM-200 (secondary fire suppression system)			Liquid	0			1	1	.5	1	M	1	4	Gal	lab
	N/A															
OHH	Freez-It (aerosol)			Liquid	.1	Yes	.2		.2	.15	.2	M	1	4	Gal.	hardware
	Dichlorodifluoromethane		75-71-8													
OHH	Freon 12			Liquid	0			1	1	5	1	M	1	4	Gal.	lab
OHH	Freon - TF			Liquid	0		.03		.03	.015	.03	M	1	4	Gal.	lab
OHH	HFE-7100 3M Specialty Liquid			Liquid	0			1	1	.5	1	M	1	4	Gal.	lab
FL-1B	Isopropanol			Liquid	0.5	Yes	0.5		1	.5	1	M	1	4	Gal.	hardware
Irr	2-Propanol, Isopropanol,	100	67-63-0	Pure												

HAZARD CLASS
Aero = Aerosols
Carc = Carcinogenic
CL = Combustible Liquids
CF = Combustible Fibers/Dust
Corr = Corrosive
CRY = Cryogenic
EXP = Explosive
FS = Flammable Solid
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FL = Flammable Liquids
H.T. = Highly Toxic
NR = Non-Regulated per UFC
NFG = Non-Flammable Gas
Irr = Irritant
OHH = Other Health Hazard
Oxy = Oxidizer
Perox = Organic Peroxide
Pyro = Pyrophoric
Rad = Radioactive
Sens = Sensitizer
Tox = Toxic
UR = Unstable Reactive
WR = Water Reactive

STORAGE/CONTAINER CODES
A = Aboveground Tank
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K = Box
L = Cylinder
M = Glass Bottle or Jug
N = Plastic
O = Tote Bin
P = Tank Wagon

PRESSURE CODES
1 = Atmospheric
2 = Pressurized
3 = Subatmospheric

TEMPERATURE CODES
4 = Room Temperature
5 = Greater than room temp.
6 = Less than room temp.
7 = Cryogenic

LOCATION/MAP KEY

5/11/2000

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UFC - Hazardous Material Inventory Statement

Business Name: Lattice Semiconductor
Address: Lattice Semiconductor, 2680 Zanker Road, San Jose

Occupancy: B
Sprinklered? Yes

(1) UFC Hazard Class	(2) Common Trade Name/ Chemical Name		(3) Chemical Abstract Service #	(4) Physical State, Type	(5) Storage & Use Quantities				(6) Quantity on Hand			(7) Storage Conditions			(8) Units	(9) Bldg./Area Control Area Room No
					Stored	F.R. Cab?	Use (open)	Use (closed)	Total	Avg	Largest Container	Type	Pres	Temp		
FL-1B Irr	Isopropyl Alcohol	100	67-63-0	Liquid Pure	0		.1		1	.05	.1	M	1	4	Gal	lab
	Lecithin			Liquid	0			1	1	.5	1	M	1	4	Gal	lab
N/R	Liquid Crystal A na			Liquid	0		.01		.01	.005	.01	M	1	4	Gal	lab
OHH	Liquid Crystal B Cyanoalkoxybiphenyls Cyanoterphenyls			Liquid	0		.01		.01	.005	.01	M	1	4	Gal	lab
N/R	Liquid Crystal C Not established			Liquid	0		.01		.01	.005	.01	M	1	4	Gal	lab
CL-II OHH	Locktite 17651 Sealant			Liquid	0		.07		.07	.035	.07	M	1	4	Gal.	lab
	Clay	50-55	1332-58-7													
	Rosin	20-25	8050-09-7													
	Isopropyl	10-15	67-63-0													
CL-II OHH	Locktite Silicone Seal			Liquid	0	No	.01		.01	.005	.01	M	1	4	Gal	hardware
CL-IIIA Irr	Locktite Super Bonder 409			Liquid	0		.01		.01	.005	.01	M	1	4	Gal	lab
	Ethyl cyanoacrylate	85-90	7085-85-0													
	methyl methacrylate	5-10	9011-14-7													
	silica	5-10	112945-52-5													
FL-1B	Locktite X-NMS Clean-up Solvent			Liquid	0	No	.002		.002	.001	.002	M	1	4	Gal.	hardware

HAZARD CLASS
Aero = Aerosols
Carc = Carcinogens
CL = Combustible Liquids
CF = Combustible Fiber/Dust
Corr = Corrosives
CRY = Cryogenic
EXP = Explosive
FS = Flammable Solid
FG = Flammable Gas
FL = Flammable Liquids
H.T. = Highly Toxic
N/R = Non-Regulated per UFC
NFG = Non-Flammable Gas
Irr = Irritant
OHH = Other Health Hazard
Oxy = Oxidizer
Perox = Organic Peroxide
Pyro = Pyrophoric
Rad = Radioactive
Sens = Sensitizer
Tox = Toxic
UR = Unstable Reactive
WR = Water Reactive

STORAGE/CONTAINER CODES
A = Aboveground Tank
B = Belowground Tank
C = Tank inside building
D = Steel Drum
E = Plastic or non-metal drum
F = Can
G = Carboy
I = Fiberdrum
J = Bag
K = Box
L = Cylinder
M = Glass Bottle or Jug
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5/11/2000

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UFC - Hazardous Material Inventory Statement

Business Name: Lattice Semiconductor
Address: Lattice Semiconductor, 2680 Zanker Road, San Jose

Occupancy: S
Sprinklered? Yes

(1) UFC Hazard Class	(2) Common Trade Name/ Chemical Name		(3) Chemical Abstract Service #	(4) Physical State, Type	(5) Storage & Use Quantities				(6) Quantity on Hand			(7) Storage Conditions			(8) Units	(9) Bldg/Area Control Area Room No
					Stored	F R Cab?	Use (open)	Use (closed)	Total	Avg	Largest Container	Type	Pres	Temp		
UR-2	**MAPP Gas**		002355-00-6	Liquid	0				1	5	1	M	1	4	Gal	lab
IR	Mapp Gas	100	002355-00-6	Pure												
OHH																
OHH	**MS-260 Cleaner for Plastic, Glass, Metal**			Liquid	0.5	Yes			5	0	0.5	M	1	4	Gal	hardware
NF	**Never Seez**			Liquid	0		5		.5	25	5	M	1	4	Gal	lab
CRY NFG	**Nitrogen**		7727-37-9	Gas	0			240	240	240	240	L	2	4	Cu Ft	lab
	Nitrogen	100	7727-37-9	Pure												
OHH	**Nokorade Soldering Paste**			Solid	0	No	1		1	5	1	M	1	4	Lbs.	hardware
IR	**Paint, Enamel Water Based**			Liquid	0		.05		.05	.025	.05	M	1	4	Gal	lab
	Paint, Enamel Water Based	100		Pure												
IL-1b	**Paint Thinner**			Liquid	0			1	1	.5	1	M	1	4	Gal.	lab
FL-1B	**PC 80 Solvent and Flux Remover**			Liquid	0			1	1	5	1	M	1	4	Gal	lab
Cor	**PC Board Etching Solution**			Liquid	0			1	1	5	1	M	1	4	Gal	lab
FG	**Propane**		74-98-6	Liquid	0			1	1	5	1	M	1	4	Gal	lab
	Dimethylmethane	100	74-98-6	Pure												
CL-IIIB	**Propylene Glycol Industrial**			Liquid	0			1	1	.5	1	M	1	4	Gal.	lab
ohh	**R-22 Refrigerant (chlorodifluoro methylene)**			Liquid	0			1	1	.5	1	M	1	4	Gal.	lab
CL-IIIB	**Rectorseal Premium Thread cutting oils**			Liquid	0			1	1	.5	1	M	1	4	Gal.	lab

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FS = Flammable Solid
FG = Flammable Gas
FL = Flammable Liquids
HT. = Highly Toxic
N/R = Non-Regulated per UFC
NFG = Non Flammable Gas
In = Irritant
OHH = Other Health Hazard
Oxy = Oxidizer
Perox = Organic Peroxide
Pyro = Pyrophoric
Rad = Radioactive
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Business Name: Lattice Semiconductor
Address: Lattice Semiconductor, 2680 Zanker Road, San Jose

Occupancy: B
Sprinklered? Yes

(1) UFC Hazard Class	(2) Common Trade Name/ Chemical Name		(3) Chemical Abstract Service #	(4) Physical State, Type	(5) Storage & Use Quantities: Stored	F.R. Cab?	Use (open)	Use (closed)	(6) Quantity on Hand: Total	Avg	Largest Container	(7) Storage Conditions: Type	Pres	Temp	(8) Units	(9) Bldg./Area Control Area Room No
OHH	**Resin Multicore Solder**			Solid	0	No	5		5	.25	5	M	1	4	Lbs	hardware
FL-1B	**Solder Flux**		000788-00-0	Liquid	0	No	1		1	.5	1	M	1	4	Gal.	hardware
Irr	Solder Flux	100	000788-00-0	Pure												
FL-1B	**Solder Paste Flux**		000788-00-0	Liquid	0	No	0.01		.01	005	0.01	M	1	4	Gal	hardware
Irr	Solder Paste Flux	100	000788-00-0	Pure												
OHH	**Super Freeze F-22**			Liquid	0	No	.25		.25	.125	.25	M	1	4	Gal.	hardware
CL-IIIB	**Tapmatic 1 Cutting Fluid**			Liquid	0	No	.02		.02	.01	.02	M	1	4	Gal	hardware
CL-IIIB	**Tapmatic 2 Cutting Fulid**			Liquid	0	No	02		02	.01	.02	M	1	4	Gal.	hardware
FL-1B	**TC-530 Hi-Temp mask & mold seal**			Liquid	0	No	.5		.5	25	5	M	1	4	Gal.	hardware
FL-1B	**TF 15 Cleaner**			Liquid	0			1	1	.5	1	M	1	4	Gal.	lab
Irr	Tetrahydrofurfuryl alcohol	<25	97 99 4													
	Isopropyl alcohol	<90	67-63-0													
[illegible]	**Triflex (aeroso!)**			Liquid	0			1	1	.5	1	M	1	4	Gal	lab
	1,1,2-Trichloro-1,2,2 Trifluoro		76 13 1													
	Chlorodifluoromethane		75-45-6													
	PTFE Telomer		NA													
Irr	**Ultrsonic Cleaning Solution Concentrate**			Liquid	0	No	.05		.05	.025	05	M	1	4	Gal	hardware
	N-bis(hydroxyethyl)-coco	1-10	68603-42-9													
	Ethoxylated alcohols	5-15	68131-39-5													

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					Stored	F.R. Cab?	Use (open)	Use (closed)	Total	Avg	Largest Container	Type	Pres	Temp		
CL-II	**Versatec 4812-2 Yellow Premix Toner**			Liquid	0			1	1	.5	1	M	1	4	Gal.	lab
	Isoparaffinic hydrocaron	<98%	64742-48-9													
	Polymer*															
	Pigment*															
CL-II	**Versatec Clear Dispersant**			Liquid	0			1	1	.5	1	M	1	4	Gal	lab
	Isoparaffinic hydrocarbon	100%	64742-48-9													
Aero-1 CL-II	**Wasp & Hornet Killer (aerosol)**			Liquid	0		.2		2	1	2	M	1	4	Gal.	lab
Aero-2 CL-II	**WD-40 Aerosol**			Liquid	0	No	2		.2	.1	.2	M	1	4	Gal.	hardware
	Aliphatic Petroleum Distillates	50	8052-41-3													
	A-70 Hydrocarbon Propellant	25	68476-85-7													
	Petroleum Base Oil	>15	64742-65-0													
Aero-2 CL-II	**WD-40 lubricant (aerosol)**			Liquid	0		.2		.2	.1	.2	M	1	4	Gal	lab

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5/11/2000

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UNIFIED PROGRAM CONSOLIDATED FORM
FACILITY INFORMATION

BUSINESS OWNER/OPERATOR IDENTIFICATION

I. IDENTIFICATION

FACILITY ID # *(Agency Use Only)* 43 060 408608 [1]	BEGINNING DATE [100] 3/15/04	ENDING DATE [101] 3/15/05	
BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) [3] NanoNexus Inc.		BUSINESS PHONE [102] 408-546-8400	
BUSINESS SITE ADDRESS [103.] 2520 Junction Ave.			
CITY [104] San Jose	CA	ZIP CODE [105] 95131	
DUN & BRADSTREET [106.] 05-535-8324		SIC CODE (4 digit #) [107] 3674	
COUNTY [108] Santa Clara			
BUSINESS OPERATOR NAME [109] NanoNexus Inc.		BUSINESS OPERATOR PHONE [110] 408-546-8400	

II. BUSINESS OWNER

OWNER NAME [111] Heiner Eichermueller		OWNER PHONE [112] 408-546-8471
OWNER MAILING ADDRESS [113] 2520 Junction Ave.		
CITY [114] San Jose	STATE [115] CA	ZIP CODE [116.] 95131

III. ENVIRONMENTAL CONTACT

CONTACT NAME [117] Gary Thatcher		CONTACT PHONE [118] 408-546-8484
CONTACT MAILING ADDRESS [119] 2520 Junction Ave.		
CITY [120] San Jose	STATE [121] CA	ZIP CODE [122] 95131

IV. EMERGENCY CONTACTS

-PRIMARY-	-SECONDARY-
NAME [123] Gary Thatcher	NAME [128] Heiner Eichermueller
TITLE [124] Facility Manager	TITLE [129] Vice President, Operations
BUSINESS PHONE [125] 408-546-8484	BUSINESS PHONE [130] 408-546-8471
24-HOUR PHONE* [126] 510-673-3269	24-HOUR PHONE* [131] 408-506-9110
PAGER # [127]	PAGER # [132]

ADDITIONAL LOCALLY COLLECTED INFORMATION. [133]

Property Owner: Orchard Properties Phone No.: 408-922-0400

Billing Address: 2262 N. First Street, San Jose, CA 95131

Certification: Based on my inquiry of those individuals responsible for obtaining the information I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE	DATE [134.] 03/15/2004	NAME OF DOCUMENT PREPARER [135]
NAME OF SIGNER (print) [136] Gary Thatcher	TITLE OF SIGNER [137] Manager Facilites/EHS	

* See Instructions on next page

Date: 03/15/04

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: NanoNexus Inc., 2520 Junction Ave., San Jose, CA 95131 (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Page 3 **of** 20 (One page per building or area)

Chemical Location: (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No

Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only) 43-0606-4C8608

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
COR	S16	40 Electrolyte			☐		☒ pure ☐ mixture	10	10	5	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb.	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
		CAS No.: ☐ EHS					☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
COR	S16	Acetic Acid			☐		☒ pure ☐ mixture	10	10	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb ☐ < amb.	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☒ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: 64-19-7 ☐ EHS					☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* M				
FL, IRR	S18	Acetone			☐		☒ pure ☐ mixture	50	40	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb	☒ ambient ☐ > amb. ☐ < amb ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: 67-64-1 ☐ EHS					☐ solid ☒ liquid ☐ gas	Curies (If radioactive)	Days On Site: 365	Storage Container:* M				
COR	S16	ACR 40 Gold Strike Bath	Potassium Gold Cyanate	0.5	☐	13967-50-5	☐ pure ☒ mixture	15	15	5	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb ☐ < amb.	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS					☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
NFG	R20	Argon			☐		☒ pure ☐ mixture	280	280	280	☐ gallons ☐ pounds ☒ cu. feet ☐ tons	☐ ambient ☒ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☒ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No. 7440-37-1 ☐ EHS					☐ solid ☐ liquid ☒ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* L				
FL	T13	AZ P4620 Photoresist	1-methoxy-2-propanol acetate	62	☐	108-65-6	☐ pure ☒ mixture	2	2	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb. ☐ < amb. ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS	Novalak resin	35	☐	117520-84-0	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* M				

* Code / Storage Type: A Aboveground Tank; B Belowground Tank; C Tank Inside Building; D Steel Drum; E Plastic/Non-metallic Drum; F Can; G Carboy; H Silo; I Fiber Drum; J Bag; K Box; L Cylinder; M Glass Bottle or Jug; N Plastic Bottle or Jug; O Tote Bin; P Tank Wagon; Q Rail Car; R Other

If EPCRA, sign below: _____

Date: 3/15/04

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: NanoNexus Inc., 2520 Junction Ave., San Jose, CA 95131 (Same as Facility Name or DBA)

Type of Report on This Page: Add, ☐ Delete; ☐ Revise

Page 4 of 20 (One page per building or area)

Chemical Location: (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only) 43-060-4086058

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
IRR	S16	Boric Acid			☐		☒ pure ☐ mixture	10	10	1	☐ gallons ☒ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
NR		CAS No.: 10043-35-3 ☐ EHS			☐		☒ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
OXY	S16	Buffered Sodium Persulfate Solution pH2	Disodium peroxydisulfate	20	☐	7775-27-1	☐ pure ☒ mixture	25	10	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☒ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
			Priority	80	☐									
		CAS No.: ☐ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
NFG	P15	Carbon Dioxide			☐		☒ pure ☐ mixture	325	325	325	☐ gallons ☐ pounds ☒ cu. feet ☐ tons	☐ ambient ☒ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☒ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: 124-38-9 ☐ EHS			☐		☐ solid ☐ liquid ☒ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* L				
OXY	S17	Chrome Etch #1	Cerium Ammonium Nitrate	12	☐	16774-21-3	☐ pure ☒ mixture	10	10	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☒ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
			Nitric Acid	9	☐	7697-39-2								
			Water	~80	☐	7732-18-5	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
		CAS No.: ☐ EHS			☐									
OXY	S17	Cr Etch	Potassium Permanganate	2	☐	7722-64-7	☐ pure ☒ mixture	10	5	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☒ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
			Sodium Metasilicate	3	☐	6834-92-0								
			Priority	95	☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
		CAS No.: ☐ EHS			☐									
OXY		Cu Bath M Hy Addition Agent	Sulfuric Acid	5	☐	7664-93-9	☐ pure ☒ mixture	10	5	1	☒ gallons ☐ pounds ☐ cu. feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
8			Ethyl Alcohol	<1	☐	64-17-5								
			Water	95	☐	7732-18-5	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
		CAS No.: ☐ EHS			☐									

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Date: 3/15/04

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: NanoNexus Inc.. 2520 Junction Ave.. San Jose, CA 95131 (Same as Facility Name or DBA)

Type of Report on This Page: Add; ☐ Delete; ☐ Revise

Page 5 **of** 20 (One page per building or area)

Chemical Location: (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No

Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only) 43-0600-4C8608

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
FI	S19	FBR SR-14 Advanced edge Bead remover	Propylene Glycol Monomethyl Ether	35	☐	108-65-6	☐ pure ☒ mixture	15	10	1	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
			Ethyl Lactate	35	☐	97-64-3								
			Water	30	☐	7732-18-5	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
		CAS No.:	☐ EHS		☐									
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu feet ☐ tons	☐ ambient ☐ > amb ☐ < amb	☐ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.:	☐ EHS		☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:*				
FL. COR. IRR	S17	Hexamethyldisilane	HMDS		☐		☒ pure ☐ mixture	1	1	0.5	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ amb ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: 1450-14-2	☐ EHS		☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
COR	S16	Hydrofluoric Acid	Hydrofluoric Acid	49	☐	7664-39-3	☒ pure ☐ mixture	2	2	1	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
			Water	51	☐	7732-18-5								
		CAS No.:	☐ EHS		☐		☒ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
IRR		Hysol Ea 9657	Adhesive, Aluminum Epoxy	70	☐		☐ pure ☒ mixture	5	2	1	☐ gallons ☒ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
			Inert	30	☐									
		CAS No.:	☐ EHS		☐		☒ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu feet ☐ tons	☐ ambient ☐ > amb ☐ < amb	☐ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.:	☐ EHS		☐		☐ solid ☐ liquid ☐ gas	Curies (If radioactive)	Days On Site: 365	Storage Container:*				

* Storage Type Codes: A Aboveground Tank; B Belowground Tank; C Tank Inside Building; D Steel Drum; E Plastic/Non-metallic Drum; F Can; G Carboy; H Silo; I Fiber Drum; J Bag; K Box; L Cylinder; M Glass Bottle or Jug; N Plastic Bottle or Jug; O Tote Bin; P Tank Wagon; Q Rail Car; R Other

If EPCRA, sign below: _____

Date: 03/15/04

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: NanoNexus Inc., 2520 Junction Ave., San Jose, CA 95131 (Same as Facility Name or DBA)

Type of Report on This Page: Add; ☐ Delete; ☐ Revise

Page 6 of 28 (One page per building or area)

Chemical Location: (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes, ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only) 43-0600-408608

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
TOX	S16	Iodine, chips 99%			☐		☒ pure ☐ mixture	1	1	1	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
		CAS No.: 7553-56-2 ☐ EHS					☒ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
FL	S19	Isopropyl Alcohol			☐		☒ pure ☐ mixture	60	50	1	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: 67-63-0 ☐ EHS					☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* M				
		CAS No.: ☐ EHS			☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu feet ☐ tons	☐ ambient ☐ > amb ☐ < amb	☐ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
							☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:*				
FL	S11	Megaposit SPR220-7.0 Photoresist	Ethyl Lactate	50	☐	97-64-3	☐ pure ☒ mixture	4	4	1	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
			Anisole	25	☐	100-66-3								
			N-amyl acetate	10	☐	628-63-7	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* M				
		CAS No.: ☐ EHS			☐									
COR	S19	Megaposit MF CD-26 Developer	Tetramethyl Ammonium Hydroxide	3	☐	10424-65-4	☒ pure ☐ mixture	50	30	1	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
			Water	97	☐	7732-18-5								
		CAS No.: ☐ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
FL		Megaposit Thinner Type P	Propylene Glycol Monomethyl Ether	100	☐	108-56-6	☒ pure ☐ mixture	3	3	1	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Date: 05/15/03

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: NanoNexus Inc., 2520 Junction Ave., San Jose, CA 95131 (Same as Facility Name or DBA)

Type of Report on This Page: ☒ Add, ☐ Delete; ☐ Revise

Page 7 of 20 (One page per building or area)

Chemical Location: (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes. ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only): 43-060-4C8608

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
CI		Murexide indicator in Ethylene Glycol	Ammonium Purpate	0.2	☐	3051-09-0	☐ pure ☒ mixture	2	1	1	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
			Ethyl Glycol		☐	57-55-6	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
		CAS No.:	☐ EHS											
COR	S16	Nitric Acid			☐		☒ pure ☐ mixture	5	5	1	☐ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☒ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: 7697-37-2	☒ EHS				☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* M				
IRR	S16	Neutronex 309 Make-Up	Sodium Gold Sulfite	10	☐	19153-98-1	☐ pure ☒ mixture	15	10	5	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
			Sodium Sulfites	5	☐	7757-83-7								
			Water	85	☐	7732-18-5	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
		CAS No.:	☐ EHS											
IRR	S16	Neutronex 309 Oxidation Salt	Secret Sulfite Compound		☐		☐ pure ☒ mixture				☐ gallons ☒ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
		CAS No.	☐ EHS				☒ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
TOX	S16	Nickel Chloride (Solid Crystals)			☐		☒ pure ☐ mixture	6	3	1	☐ gallons ☒ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
		CAS No.: 7718-54-9	☐ EHS				☒ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
					☐		☐ pure ☒ mixture				☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
		CAS No.:	☐ EHS				☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				

* Storage Type codes: A Aboveground Tank; B Belowground Tank; C Tank Inside Building; D Steel Drum; E Plastic/Non-metallic Drum; F Can; G Carboy; H Silo; I Fiber Drum; J Bag; K Box; L Cylinder; M Glass Bottle or Jug; N Plastic Bottle or Jug; O Tote Bin; P Tank Wagon; Q Rail Car; R Other

If EPCRA, sign below:

Date: 05/15/03

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: NanoNexus Inc., 2520 Junction Ave., San Jose, CA 95131 (Same as Facility Name or DBA)

Type of Report on This Page: Add; ☐ Delete; ☐ Revise

Page 8 of 20 (One page per building or area)

Chemical Location: (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes, ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only) 43-060-408608

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
TOX	S16	Nickel Sulfate Concentrate	Nickel Sulfate	45	☐	7786-81-4	☒ pure ☐ mixture	15	5	5	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
		CAS No.:			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
NFG	U17	Nitrogen			☐		☒ pure ☐ mixture	1500	1000	1500	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☐ ambient ☒ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☒ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: 7727-37-9			☐		☐ solid ☐ liquid ☒ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* L				
IRR	S17	NPA Anti-Pitting Additive	Surfactants	30	☐		☐ pure ☒ mixture	4	2	1	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
		CAS No.:			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
COR	S17	Oxalic Acid, Dihydrate			☐		☒ pure ☐ mixture	5	4	4	☐ gallons ☒ pounds ☐ cu feet ☐ tons	☒ ambient ☐ amb ☐ < amb	☒ ambient ☐ amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
		CAS No.: 144-62-7			☐		☒ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
NFG OX	S20	Oxygen			☐		☒ pure ☐ mixture	310	310	310	☐ gallons ☐ pounds ☒ cu feet ☐ tons	☐ ambient ☒ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☒ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: 7782-44-7			☐		☐ solid ☐ liquid ☒ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* L				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu feet ☐ tons	☐ ambient ☐ > amb ☐ < amb	☐ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.:			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:*				

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Date: 05/15/03

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: NanoNexus Inc., 2520 Junction Ave., San Jose, CA 95131 (Same as Facility Name or DBA)

Type of Report on This Page: Add, ☐ Delete; ☐ Revise

Page 9 of 20 (One page per building or area)

Chemical Location: (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes, ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only) 43-0600-408608

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
COR	S17	Palladium Cobalt VHS RTU	Palladium Chloride	3.7	☐	7647-10-1	☐ pure ☒ mixture	5	3	5	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
			Ammonium Chloride	3	☐	12125-06-0								
			Sodium Hydroxide		☐	1336-21-8	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
		CAS No.: ☐ EHS			☐									
IRR	S17	Potassium Iodide			☐		☒ pure ☐ mixture	4	2	1	☐ gallons ☒ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
		CAS No.: 7681-11-0 ☐ EHS			☐		☒ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
COR, OXY	S17	Potassium Permanganate			☐		☒ pure ☐ mixture	10	5	5	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☒ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
		CAS No.: 7722-64-7 ☐ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
FI	S11	Pyralin Polyimide Coating	Petroleum Distillate	30	☐	64742-95-6	☐ pure ☒ mixture	4	2	1	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
			N-methyl-2-pyrrolidone	60	☐	872-50-4								
			Polyamic Acid	10	☐	31942-21-9	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
		CAS No.: ☐ EHS			☐									
					☐		☒ pure ☐ mixture				☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:* M/A				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu feet ☐ tons	☐ ambient ☐ > amb ☐ < amb	☐ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:*				

* Storage Type Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Date: 05/15/03

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: NanoNexus Inc., 2520 Junction Ave., San Jose, CA 95131 (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☐ Revise

Page 10 **of** 20 (One page per building or area)

Chemical Location: (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☐ No
Trade Secret Information? ☐ Yes; ☐ No

Facility ID # (Agency Use Only) 43-0060-4086088

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
IRR	S17	SVC-14 Positive Photoresist Stripper	Dimethyl Sulfoxide	60	☐	67-68-5	☐ pure ☒ mixture	1	1	1	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
			Cyclic Ester	40	☐									
		CAS No.: ☐ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu feet ☐ tons	☐ ambient ☐ > amb ☐ < amb	☐ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:*				
IRR FL	S17	SVC-150 Positive Photoresist Stripper	N-methyl-2-pyrrolidone	40	☐	872-50-4	☐ pure ☒ mixture	20	10	1	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
			Dipropylene Glycol Monomethyl Ether	25	☐	34590-94-8								
			Tripropylene Glycol Methyl Ether	20	☐	25498-49-1								
		CAS No.: ☐ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:*				
COR	S17	Sulfuric Acid			☐		☒ pure ☐ mixture	10	6	1	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
		CAS No.: 7446-11-9 ☐ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* M/A				
COR	S17	Techni Copper FB bath RTU	Copper Sulfate	7	☐	7768-99-8	☐ pure ☒ mixture	15	10	1	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☒ chronic health ☐ radioactive
			Sulfuric Acid	16	☐	7664-93-9								
		CAS No.: ☐ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
TOX	S17	Techni Copper FB Brightener	Polyoxypropylene-polyoxyethylene	5.1	☐	9003-11-6	☐ pure ☒ mixture	4	2	1	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☒ pressure release ☐ acute health ☐ chronic health ☐ radioactive
			Polyethylene Glycol	10.2	☐	25322-68-3								
		CAS No.: ☐ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below: _____

Date: 05/15/03

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: NanoNexus Inc., 2520 Junction Ave., San Jose, CA 95131 (Same as Facility Name or DBA)

Type of Report on This Page: Add; ☐ Delete; ☐ Revise

Page 11 of 20 (One page per building or area)

Chemical Location: (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes, ☒ No

Trade Secret Information? ☐ Yes, ☒ No

Facility ID # (Agency Use Only) 43 - 060 - 40860

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
Corr	S17	Titanium Etchant Type TFT	Hydrofluoric Acid	8	☒	7664-39-3	☒ pure ☐ mixture	12	10	1	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
			Water		☐	7732-18-5								
		CAS No.:			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
Flam	M19	Forming Gas	Hydrogen	25	☐		☐ pure ☐ mixture	300	300	300	☐ gallons ☐ pounds ☒ cu feet ☐ tons	☐ ambient ☒ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☒ pressure release ☐ acute health ☐ chronic health ☐ radioactive
			Nitrogen	75	☐									
		CAS No.:			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* L				
Corr	S17	Methane Sulfonic Acid			☐		☒ pure ☐ mixture	6	6	1	☒ gallons ☐ pounds cu feet ☐ tons	☐ ambient ☒ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☒ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.:			☐		☐ solid ☒ liquid gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu feet ☐ tons	☐ ambient ☐ > amb ☐ < amb	☐ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.:			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu feet ☐ tons	☐ ambient ☐ > amb ☐ < amb	☐ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.:			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu feet ☐ tons	☐ ambient ☐ > amb ☐ < amb	☐ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.:			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

11/02/99 08:57 FAX [redacted] IES

408503

UNIFORM HAZARDOUS MATERIALS BUSINESS PLAN

Section A- General Information

M. Randolph 4/04/01

1. Facility Information: *(Note: Print or type all information. Instructions are located on the other side of this page.)*

Business Name: Navisite	Business Phone: ~~(408) 428-9298~~ 965-9000
Site Address: 2720 Zanker Road	
City: San Jose	State: CA Zip:95131
Dunn & Bradstreet No.:	Primary SIC Code *(4 digit)*: 7374
Operator Name: Navisite	Operator Phone: (408) - not available yet

2. Business Owner Information:

Owner Name: Navisite - Joel Rosen, CEO	Owner Phone: (888) 298-8222
Owner Mailing Address: 300 Federal Street Complete only if different from business address.	
City: Andover	State: MA Zip:01810

3. Environmental Contact:

Contact Name: Larry Goad	Contact Phone: (408) 428-9298
Contact Mailing Address: 2720 Zanker Road Complete only if different from business address.	
City: San Jose	State: CA Zip: 95131

4. Emergency Contacts:

Primary Emergency Coordinator	Secondary Emergency Coordinator
Name: Larry Goad	Name: ~~Randy Foxworthy~~ Joe Pedro
Title: Director of Facilities	Title: Supervisor
Business Phone: (408) ~~428-9298~~ 965-9525	Business Phone: (831) 430-1614 965-9348
24-Hour Phone: (888) 755-5525 965-1024	24 Hour Phone: (888) 755-5525
Pager Number: (888) 268-1674	Pager Number: (888) 269-9865

☐ (Check Box only if applicable) Additional Emergency Coordinators are listed on page _____ of this HMBP.

5. Acutely Hazardous Materials (AHMs):

Are AHMs present On-Site? ☐ Yes*; ☑ No *(Note: if yes, contact your local agency regarding an AHM Registration appendix to the HMBP.)*

6. Additional Required Information:

EPA ID No.: not obtained yet	Principal Type of Business:
Billing Address: _____ City: _____ State: CA Zip: _____ Complete only if different from business address.	
Industrial Waste Discharge Contact: _____	Phone No.: (408) 945-3400
Property Owner: Carr America	Phone No.: (650) 524-5511
Facility Hours of Operation: 24 hours	No. Of Employees Per Shift: Day 90 ; Swing; 9 ; Grave 9

7. OWNER/OPERATOR CERTIFICATION: I am an officer at the level of Vice-President General Partner, Sole Proprietor, of higher. I hereby certify under penalty of law that this information was obtained in accordance with applicable requirements. Based upon my inquiry of those individuals responsible for obtaining the information reported herein, I believe that the submitted information is true, accurate, and complete.

Name of HMBP Document Preparer (Print): Sue Horowitz Saso, IES Title: Chemical & Engineering Consultant

Signature of Owner/Operator: Larry Goad, Director of Facilities Date: _____

UFC - Hazardous Material Inventory Statement

Business Name: Navisite
Address: 2720 Zanker Rd., San Jose

Occupancy: _____
Sprinklered? _____

(1) UFC Hazard Class	(2) Common Trade Name/ Chemical Name		(3) Chemical Abstract Service #	(4) Physical State, Type	(5) Storage & Use Quantities				(6) Quantity on Hand			(7) Storage Conditions			(8) Units	(9) Bldg./Area Control Area Room No
					Stored	F.R. Cab?	Use (open)	Use (closed)	Total	Avg	Largest Container	Type	Pres	Temp		
Corr-Acid Carc	**Gel Pack Lead Acid Batteries**			Liquid Mixture	2355				2355	1177.5	4.6	R	1	4		Battery Room
	Sulfuric Acid	10%	7664-93-9													
	Lead	70%	7439-9-21													
	Polypropylene	8%	9003-07-0													
CL-II	**Diesel Fuel (Convaults)**			Liquid Pure	1980				1980	1000	990	A	1	4	Gal.	Generator Pad
	Diesel Fuel	100	000-169-00-0													
CL-II	**Diesel Fuel (150 kw Generator)**			Liquid Pure	150				150	1000	150	A	1	4	Gal.	Generator Pad
	Diesel Fuel	100	000-169-00-0													
CL-II	**Diesel Fuel (1250 kw Generator)**			Liquid Pure	2970				2970	1000	990	A	1	4	Gal.	Generator Pad
	Diesel Fuel	100	000-169-00-0													

HAZARD CLASS
Aero = Aerosols
Carc = Carcinogenic
CL = Combustible Liquids
CF = Combustible Fiber/Dust
Corr = Corrosives
CRY = Cryogenic
EXP = Explosive
FS = Flammable Solid
FG = Flammable Gas
FL = Flammable Liquids
H.T. = Highly Toxic
N/R = Non-Regulated per UFC
NFG = Non-Flammable Gas
In = Inflant
OHH = Other Health Hazard
Oxy = Oxidizer
Perox = Organic Peroxide
Pyro = Pyrophoric
Rad = Radioactive
Sens = Sensitizer
Tox = Toxic
UR = Unstable Reactive
WR = Water Reactive

STORAGE/CONTAINER CODES
A = Aboveground Tank
B = Belowground Tank
C = Tank inside building
D = Steel Drum
E = Plastic or non-metal drum
F = Can
G = Carboy
I = Fiberdrum
J = Bag
K = Box
L = Cylinder
M = Glass Bottle or Jug
N = Plastic
O = Tote Bin
P = Tank Wagon

PRESSURE CODES
1 = Atmospheric
2 = Pressurized
3 = Subatmospheric

TEMPERATURE CODES
4 = Room Temperature
5 = Greater than room temp.
6 = Less than room temp.
7 = Cryogenic

LOCATION/MAP KEY

10/26/99

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File No. 432354

Approved R-Bay 10-4-02

UNIFIED PROGRAM CONSOLIDATED FORM
FACILITY INFORMATION
BUSINESS ACTIVITIES

I. FACILITY IDENTIFICATION

FACILITY ID # (Agency Use Only)														1	EPA ID # (Hazardous Waste Only) 2
															CAL000221474

BUSINESS NAME (Same as Facility Name or DBA Doing Business As) 3.

New Focus, Inc.

II. ACTIVITIES DECLARATION

NOTE: If you check YES to any part of this list, please submit the Business Owner/Operator Identification page (OES Form 2730).

Does your facility...	If Yes, please complete these pages of the UPCF...	
A. HAZARDOUS MATERIALS Have on site (for any purpose) hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B, or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?	☒ YES ☐ NO 4	HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION (OES 2731)
B. UNDERGROUND STORAGE TANKS (USTs)		UST FACILITY (Formerly SWRCB Form A)
1. Own or operate underground storage tanks?	☐ YES ☒ NO 5	UST TANK (one page per tank) (Formerly Form B)
2 Intend to upgrade existing or install new USTs?	☐ YES ☒ NO 6	UST FACILITY UST TANK (one per tank) UST INSTALLATION - CERTIFICATE OF COMPLIANCE (one page per tank) (Formerly Form C)
3. Need to report closing a UST?	☐ YES ☒ NO 7	UST TANK (closure portion – one page per tank)
C. ABOVE GROUND PETROLEUM STORAGE TANKS (ASTs) Own or operate ASTs above these thresholds: ---any tank capacity is greater than 660 gallons, or ---the total capacity for the facility is greater than 1,320 gallons?	☐ YES ☒ NO 8	NO FORM REQUIRED TO CUPAs
D. HAZARDOUS WASTE		
1 Generate hazardous waste?	☒ YES ☐ NO 9	EPA ID NUMBER – provide at the top of this page
2 Recycle more than 100 kg/month of excluded or exempted recyclable materials (per H&SC §25143.2)?	☐ YES ☒ NO 10	RECYCLABLE MATERIALS REPORT (one per recycler)
3 Treat hazardous waste on site?	☐ YES ☒ NO 11	ONSITE HAZARDOUS WASTE TREATMENT – FACILITY (Formerly DTSC Forms 1772) ONSITE HAZARDOUS WASTE TREATMENT – UNIT (one page per unit) (Formerly DTSC Forms 1772 A,B,C,D and L)
4. Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	☐ YES ☒ NO 12	CERTIFICATION OF FINANCIAL ASSURANCE (Formerly DTSC Form 1232)
5 Consolidate hazardous waste generated at a remote site?	☐ YES ☒ NO 13	REMOTE WASTE / CONSOLIDATION SITE ANNUAL NOTIFICATION (Formerly DTSC Form 1196)
6 Need to report the closure/removal of a tank that was classified as hazardous waste and cleaned onsite?	☐ YES ☒ NO 14	HAZARDOUS WASTE TANK CLOSURE CERTIFICATION (Formerly DTSC Form 1249)

E. LOCAL REQUIREMENTS 15

(You may also be required to provide additional information by your CUPA or local agency)

File No 432354

UNIFIED PROGRAM CONSOLIDATED FORM
FACILITY INFORMATION

BUSINESS OWNER/OPERATOR IDENTIFICATION

I. IDENTIFICATION

FACILITY ID # (Agency Use Only) 1		BEGINNING DATE 100: 5/20/02	ENDING DATE 101:
BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3: New Focus, Inc.			BUSINESS PHONE 102: (408) 284-5261
BUSINESS SITE ADDRESS 103: 2584 Junction Ave.			
CITY 104: San Jose	CA		ZIP CODE 105: 95131
DUN & BRADSTREET 106: 61-905-2764			SIC CODE (4 digit #) 107: 3827
COUNTY 108: Santa Clara			
BUSINESS OPERATOR NAME 109: New Focus, Inc.			BUSINESS OPERATOR PHONE 110: 1-877-980-8088

II. BUSINESS OWNER

OWNER NAME 111: New Focus, Inc.			OWNER PHONE 112: 1-877-980-8088
OWNER MAILING ADDRESS 113: 5215 Hellyer Ave			
CITY 114: San Jose	STATE 115: CA		ZIP CODE 116: 951378

III. ENVIRONMENTAL CONTACT

CONTACT NAME 117: Joe Noia			CONTACT PHONE 118: 408-450-6560
CONTACT MAILING ADDRESS 119: 2584 Junction Ave			
CITY 120: San Jose	STATE 121: CA		ZIP CODE 122: 95137

IV. EMERGENCY CONTACTS

-PRIMARY-	-SECONDARY-
NAME 123: Joe Noia	NAME 128: Erik Robertson
TITLE 124: DFacility Site Engineer	TITLE 129: Facility Site Coordinator
BUSINESS PHONE 125: 408-450-6560	BUSINESS PHONE 130: 408-284-5290
24-HOUR PHONE* 126: 408-425-8632 cell	24-HOUR PHONE* 131: 408-425-8624
PAGER # 127: n/a	PAGER # 132: 408-820-7000

ADDITIONAL LOCALLY COLLECTED INFORMATION: 133.

Property Owner: _Silicon Valley Propoerties (408) 526-9266 Phone No.: _

Billing Address. _____

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.

SIGNATURE OF OWNER/OPERATOR,OR DESIGNATED REPRESENTATIVE	DATE 134	NAME OF DOCUMENT PREPARER 135
Joe Noia	6/18/02	Joelle L. Hurlston, HazMat Consultant
NAME OF SIGNER (print) 136: Joe Noia 6/18/02	TITLE OF SIGNER 137	

* See Instructions on next page

Uniform Non-Waste Hazardous Material Inventory Statement

For use by all Jurisdictions Within the County of Santa Clara

Site Address: **2584 Junction Ave, San Jose** Date: **8/2/2002**

[redacted]	1. LC	2. Common Trade Name	3. Chemical Name Components & Concentration		4. Chemical Abstract Service #	5. Physical State	6. Quantity on Hand Max	Avg	Lgst. Cont.	7. Units	8. Days on Site	9. Storage Codes Type	Pres	Temp	10. SARA Class	11. IW
FL-1B Irr	Assembly	**Acetone**	Acetone	100	67-64-1	Pure Liquid	2	.5	1	Gal.	365	M	1	4	C F	
NFG	Assembly	**Forming Gas**	Hydrogen Nitrogen	4 96		Mixture Gas	250	125	250	Cu.Ft.	365	L	2	4	P	
FL-1B Irr	Assembly	**Isopropyl Alcohol (IPA)**	Isopropanol	100	00067-63-0	Pure Liquid	2	.5	1	Gal.	365	M	1	4	C F	
Corr-A	Assembly	**Kester Biotech 5768**	Ethanolamine Water		141-43-5	Mixture Liquid	8	.5		Gal.	365	M	1	4	A R	
FL-1B Irr	Automation	**Acetone**	Acetone	100	67-64-1	Pure Liquid	2	.5	1	Gal.	365	M	1	4	C F	
NFG	Automation	**Forming Gas**	Hydrogen Nitrogen	4 96		Mixture Gas	250	125	250	Cu.Ft.	365	L	2	4	P	
FL-1B Irr	Automation	**Isopropyl Alcohol (IPA)**	Isopropanol	100	00067-63-0	Pure Liquid	2	.5	1	Gal.	365	M	1	4	C F	
Corr-A	Automation	**Kester Biotech 5768**	Ethanolamine Water		141-43-5	Mixture Liquid	1	.5		Gal.	365	M	1	4	A R	
FG	Fuse Optic	**Hydrogen**		100		Pure Gas	266	133	266	Cu.Ft.	365	L	2	4	P F	

File No. 432354

HAZARD CLASS
Aero = Aerosols
Carc = Carcinogenic
CL = Combustible Liquids
CF = Combustible Fiber/Dust
Corr = Corrosives
CRY = Cryogenic
EXP = Explosive
FS = Flammable Solid
FG = Flammable Gas
FL = Flammable Liquids
H,T = Highly Toxic
N/R = Non-Regulated per UFC
NFG = Non-Flammable Gas
Irr = Irritant
OHH = Other Health Hazard
Oxy = Oxidizer
Perox = Organic Peroxide
Pyro = Pyrophonc
Rad = Radioactive
Sens = Sensitizer
Tox = Toxic
UR = Unstable Reactive
WR = Water Reactive

STORAGE/CONTAINER CODES
A = Aboveground Tank
B = Belowground Tank
C = Tank inside building
D = Steel Drum
E = Plastic or non-metal drum
F = Can
G = Carboy
H = Silo
I = Fiberdrum
J= Bag
K = Box
L = Cylinder
M = Glass Bottle or Jug
N = Plastic
O = Tote Bin
P = Tank Wagon
Q = Rail Car

PRESSURE CODES
1 = Atmospheric
2 = Pressurized
3 = Subatmospheric

TEMPERATURE CODES
4 = Room Temperature
5 = Greater than room temp
6 = Less than room temp
7 = Cryogenic

SARA HAZARD CODES
F = Fire
R = Reactive
P = Pressurized
I = Immediate Health (acute)
D = Delayed Health (chronic)

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Uniform Non-Waste Hazardous Material Inventory Statement

For use by all Jurisdictions Within the County of Santa Clara

Site Address: **2584 Junction Ave, San Jose** Date: **8/2/2002**

[redacted]	1. LC	2. Common Trade Name	3. Chemical Name Components & Concentration		4. Chemical Abstract Service #	5. Physical State	6. Quantity on Hand			7. Units	8. Days on Site	9. Storage Codes			10. SARA Class	11. IW
							Max	Avg	Lgst. Cont.			Type	Pres	Temp		
NFG	Fuse Optic	**Nitrogen**		100	7727-37-9	Pure Gas	220	110	220	Cu.Ft.	365	L	2	4	P	
FL-1B	Machin	**Misc Flammable Liquids**	Paint Thinner Charcoal Lighter			Mixture Liquid	5	2.5	<1	Gal.	365	F	1	4	F	
CRY-N	Machin	**Nitrogen, Cryogenic**	Liquid Nitrogen	100	7727-37-9	Pure Liquid	180	60	60	Gal.	365	R =	2	7	A P	
Irr	Machin	**VACUUM-PUMP OIL,**	1,1,2,3,3,3-hexafluoro	100	69991-67-9	Pure Liquid	5	2.5	5	Gal.	365	F	1	4	C	
Irr OHH	Mad/Cad	**1,1,1-trichloroethene**		93.5	71-55-6	Pure Liquid	1	.5	1	Gal.	365	M	1	4	C	
FL-1B Irr	Mad/Cad	**Acetone**	Acetone	100	67-64-1	Pure Liquid	15	.5	1	Gal.	365	M	1	4	C F	
FL-1B Irr	Mad/Cad	**Isopropyl Alcohol (IPA)**	Isopropanol	100	00067-63-0	Pure Liquid	15	.5	1	Gal.	365	M	1	4	C F	
FL-1B Irr	Mad/Cad	**Locktite 408**				Mixture Liquid	1	.5	<1	Gal.	365	M	1	4	C F	
FL-1B Irr	Mad/Cad	**Locktite X-NMS Clean-up Solvent**				Mixture Liquid	2	.5	1	Gal.	365	M	1	4	C F	
FL-1B Irr	Mad/Cad	**Methanol**	methanol	100		Pure Liquid	7	1.5	1	Gal.	365	M	1	4	C F	

File No. 43 23 54

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Uniform Non-Waste Hazardous Material Inventory Statement

For use by all Jurisdictions Within the County of Santa Clara

Site Address: **2584 Junction Ave, San Jose** Date: **8/2/2002**

[redacted]	1. LC	2. Common Trade Name	3. Chemical Name Components & Concentration		4. Chemical Abstract Service #	5. Physical State	6. Quantity on Hand Max	Avg	Lgst. Cont.	7. Units	8. Days on Site	9. Storage Codes Type	Pres	Temp	10. SARA Class	11. IW
FL-1B Irr	Mad/Cad	**Misc Flammable Liquids**	Paint Remover			Mixture Liquid	1	.5	<1	Gal.	365	M	1	4	C F	
Irr OHH	Optics	**1,1,1-trichloroethene**		93.5	71-55-6	Pure Liquid	2	.5	1	Gal.	365	M	1	4	C	
FL-1B Irr	Optics	**Acetone**	Acetone	100	67-64-1	Pure Liquid	3	.5	1	Gal.	365	M	1	4	C F	
FL-1B Irr	Optics	**Isopropyl Alcohol (IPA)**	Isopropanol	100	00067-63-0	Pure Liquid	3	.5	1	Gal.	365	M	1	4	C F	
FL-1B Irr	Optics	**Locktite 408**				Mixture Liquid	1	.5	<1	Gal.	365	M	1	4	C F	
FL-1B	Optics	**Rosin Solder Flux**	Ethanol Sec-Butyl Alcohol Rosin Acid	25 25 50	64-17-5 78-92-2 8050-09-7	Mixture Liquid	2	.5	1	Gal.	365	M	1	4	F	
FL-1B Irr	QA Misc	**Isopropyl Alcohol (IPA)**	Isopropanol	100	00067-63-0	Pure Liquid	2	.5	1	Gal.	365	M	1	4	C F	
FL-1B Irr	Test	**Isopropyl Alcohol (IPA)**	Isopropanol	100	00067-63-0	Pure Liquid	3	1	1	Gal.	365	M	1	4	C F	
CRY-N	Test	**Nitrogen, Cryogenic** Two one hour tests	Liquid Nitrogen	100	7727-37-9	Pure Liquid	~~300~~ 180	.5	60	Gal.	365	M	1	4	A	
FL-1B Irr	Tune/RMA	**Acetone**	Acetone	100	67-64-1	Pure Liquid	5	.5	1	Gal.	365	M	1	4	C F	

File No. 43 23 54

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Uniform Non-Waste Hazardous Material Inventory Statement

For use by all Jurisdictions Within the County of Santa Clara

Site Address: **2584 Junction Ave, San Jose**

Date: **8/2/2002**

[redacted]	1. LC	2. Common Trade Name	3. Chemical Name Components & Concentration		4. Chemical Abstract Service #	5. Physical State	6. Quantity on Hand			7. Units	8. Days on Site	9. Storage Codes			10. SARA Class	11. IW
							Max	Avg	Lgst. Cont.			Type	Pres	Temp		
FL-1B Irr	Tune/R MA	**Isopropyl Alcohol (IPA)**	Isopropanol	100	00067-63-0	Pure Liquid	3	1	1	Gal.	365	M	1	4	C F	
CRY-N	Tune/R MA	**Nitrogen, Cryogenic**	Liquid Nitrogen	100	7727-37-9	Pure Liquid	~~360~~ 180	.5	60	Gal.	365	R =	2	7	A P	

File No. 4323554

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Uniform Hazardous Waste Hazardous Material Inventory Statement

(Hazardous Waste Generator Permit Application / Amendment)

For use by all Jurisdictions Within the County of Santa Clara

Site Address: 2584 Junction Ave, San Jose EPA ID# CAL000221474 Date: 8/2/2002

[redacted]	1. LC	2. Waste Stream Name *Components & Concentration*	3. Treatment/ Disposal Method(s)	4. California Waste Code	5. Physical State	6. Annual Quantity Generated	7. Quantity Stored			8. Units	9. Days on Site	10. Storage Codes			11. SARA Class
							Max	Avg	Lgst. Cont.			Type	Press	Temp	
Tune/RM A		**Waste Flammable Solvents**	Shipped off-site	214	Waste Liquid	10	5	1	5	Gal.	365	G	1	4	C F
Mad/Cad		**Waste Flammable Solvents**	Shipped off-site	214	Waste Liquid	10	5	1	5	Gal.	365	G	1	4	C F
Optics		**Waste Flammable Solvents**	Shipped off-site	214	Waste Liquid	10	5	1	5	Gal.	365	G	1	4	C F
Machine		**Waste Flammable Solvents**	Shipped off-site	214	Waste Liquid	10	10	1	5	Gal.	365	G	1	4	C F
Assembly		**Waste Flammable Solvents**	Shipped off-site	214	Waste Liquid	10	5	1	5	Gal.	365	M	1	4	C F

File No. 4323954

STORAGE/CONTAINER CODES

A = Aboveground Tank
B = Belowground Tank
C = Tank inside building
D = Steel Drum
E = Plastic or non-metal drum
F = Can
G = Carboy
H = Silo
I = Fiberdrum
J = Bag
K = Box
L = Cylinder
M = Glass Bottle or Jug
N = Plastic
O = Tote Bin
P = Tank Wagon
Q = Rail Car

PRESSURE CODES

1 = Atmospheric
2 = Pressurized
3 = Subatmospheric

TEMPERATURE CODES

4 = Room Temperature
5 = Greater than room temp
6 = Less than room temp
7 = Cryogenic

SARA HAZARD CODES

F = Fire
R = Reactive
P = Pressurized
I = Immediate Health (acute)
D = Delayed Health (chronic)

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Employee Training Plan

(Hazardous Materials Business Plan Module)

Authority Cited: H&SC, Section 25504(c); Title 22, Div. 4.5, Ch. 12, Art. 3 CCR

File No. 43235

All facilities that handle hazardous materials must have a written employee training plan. This plan is a required module of the Hazardous Materials Business Plan (HMBP). A blank plan has been provided below for you to complete and submit if you do not already have such a plan. **If you already have a brief written description of your training program that addresses all subjects covered below, you are not required to complete the blank plan, below, but you must include a copy of your existing document as part of your HMBP.**

Check all boxes that apply. *[Note: Items marked with an asterisk (*) are required.]*:

1. **Personnel** are trained in the following procedures:

☒	Internal alarm/notification *
☒	Evacuation/re-entry procedures & assembly point locations*
☐	Emergency incident reporting
☒	External emergency response organization notification
☒	Location(s) and contents of Emergency Response/Contingency Plan
☒	Facility evacuation drills, that are conducted at least *(specify)* _____ *(e.g. "Quarterly", etc.)*

2. **Chemical Handlers** are additionally trained in the following:

☒	Safe methods for handling and storage of hazardous materials *
☒	Location(s) and proper use of fire and spill control equipment
☒	Spill procedures/emergency procedures
☒	Proper use of personal protective equipment *
☒	Specific hazard(s) of each chemical to which they may be exposed, including routes of exposure *(i.e. inhalation, ingestion, absorption)* *
☒	**Hazardous Waste Handlers/Managers** are trained in all aspects of hazardous waste management specific to their job duties *(e.g. container accumulation time requirements, labeling requirements, storage area inspection requirements, manifesting requirements, etc.)* *

3. **Emergency Response Team Members** are capable of and engaged in the following:

☒	Personnel rescue procedures
☒	Shutdown of operations
☒	Liaison with responding agencies
☒	Use, maintenance, and replacement of emergency response equipment
☒	Refresher training, which is provided at least annually *
☒	Emergency response drills, which are conducted at least *(specify)* _____ *(e.g. "Quarterly", etc.)*

Recordkeeping

(Hazardous Materials Business Plan Module)

File No. 432354

All facilities that handle hazardous materials must maintain records associated with their management. A summary of your recordkeeping procedures is a required module of the Hazardous Materials Business Plan (HMBP). A blank summary has been provided below for you to complete and submit if you do not already have such a document. **If you already have a brief written description of your hazardous materials recordkeeping systems that addresses all subjects covered below, you are not required to complete this page, but you must include a copy of your existing document as part of your HMBP.**

Check all boxes that apply. The following records are maintained at the facility. *[Note: Items marked with an asterisk (*) are required.]*:

☒	Current employees' training records *(to be retained until closure of the facility)* *
☒	Former employees' training records *(to be retained at least three years after termination of employment)* *
☒	Training Program(s) *(i.e. written description of introductory and continuing training)* *
☒	Current copy of this Emergency Response/Contingency Plan *
☒	Record of recordable/reportable hazardous material/waste releases *
☒	Record of hazardous material/waste storage area inspections *
☐	Record of hazardous waste tank daily inspections *
☒	Description and documentation of facility emergency response drills

Note: The above list of records does not necessarily identify every type of record required to be maintained by the facility.

A copy of the Inspection Check Sheet(s) or Log(s) used in conjunction with required routine self-inspections of your facility must be submitted with your HMBP. *(Exception: Available from your local agency is a Hazardous Materials/Waste Storage Area Inspection Form that you may use if you do not already have your own form. If you use the example provided, you do not need to attach a copy.)*

Check the appropriate box:

☒	We will use the "Hazardous Materials/Waste Storage Area Inspection Form" (Document No. UN-023) to document inspections.
☐	We will use our own documents to record inspections. ***(A blank copy of each document used is attached to this HMBP.)***

Emergency Response/Contingency Plan

(Hazardous Materials Business Plan Module)

Authority Cited: H&SC, Section 25504(b); Title 22, Div. 4.5, Ch. 12, Art. 3 CCR

All facilities that handle hazardous materials in specified quantities must have a written emergency response plan. In addition, facilities that generate 1,000 kilograms or more of hazardous waste per month, or accumulate more than 6,000 kilograms of hazardous waste on-site at any one time, must prepare a contingency plan. Because the requirements are similar, they have been combined in a single document, provided below, for your convenience. This plan is a required module of the Hazardous Materials Business Plan (HMBP). **If you already have a plan that meets these requirements, you should not complete the blank plan, below, but you must include a copy of your existing plan as part of your HMBP.**

This site-specific Emergency Response/Contingency Plan is the facility's plan for dealing with emergencies and shall be implemented immediately whenever there is a fire, explosion, or release of hazardous materials that could threaten human health and/or the environment. **At least one copy of the plan shall be maintained at the facility for use in the event of an emergency and for inspection by the local agency.** Within Santa Clara County, hospitals and police agencies have delegated receipt of these plans to the local agencies administering Hazardous Materials Business Plans, so additional copies need not be submitted. However, a copy of the plan and any revisions must be provided to any contractor, hospital, or agency with whom special (i.e. contractual) emergency services arrangements have been made *(see section 3, below)*.

1. Evacuation Plan:

a. The following alarm signal(s) will be used to begin evacuation of the facility *(check all that apply)*:

☒ Bells; ☒ Horns/Sirens; ☒ Verbal *(i.e. shouting)*; ☐ Other *(specify)* _____

b. ☒ Evacuation map is prominently displayed throughout the facility.

Note: A properly completed HMBP Site Plan satisfies contingency plan map requirements. This drawing (or any other drawing that shows primary and alternate evacuation routes, emergency exits, and primary and alternate staging areas) must be prominently posted throughout the facility in locations where it will be visible to employees and visitors.

2. a. Emergency Contacts*:

Fire/Police/Ambulance	Phone No. **911**
State Office of Emergency Services	Phone No. **(800) 852-7550**

b. Post-Incident Contacts*:

Fire Department Hazardous Materials Program	Phone No.: (__**408**__) **277-4659**
Santa Clara County Hazardous Materials Compliance Division	Phone No. **(408) 299-6930**
California EPA Department of Toxic Substances Control	Phone No. **(510) 540-3739**
Cal-OSHA Division of Occupational Safety and Health	Phone No. **(408) 452-7288**
Bay Area Air Quality Management District	Phone No. **(415) 771-6000**
Regional Water Quality Control Board	Phone No. **(510) 622-2300**

** These telephone numbers are provided as a general aid to emergency notification. Be advised that additional agencies may be required to be notified.*

c. Emergency Resources:

Poison Control Center	Phone No. **(800) 876-4766**
Nearest Hospital: Name: **_Kaiser Santa Clara**	Phone No.: **(408-236-6400**____**)**
Address. **900 Kiely Blvd.**	City: **SantaClara**_____

3. Arrangements With Emergency Responders:

If you have made special (i.e. contractual) arrangements with any police department, fire department, hospital, contractor, or State or local emergency response team to coordinate emergency services, describe those arrangements below:

6. Emergency Equipment:

22 CCR §66265.52(e) [as referenced by 22 CCR §66262.34(a)(4)] and the Hazardous Materials Storage Ordinance require that emergency equipment at the facility be listed. Completion of the following Emergency Equipment Inventory Table meets this requirement.

EMERGENCY EQUIPMENT INVENTORY TABLE

1. Equipment Category	2. Equipment Type	3. Locations *	4. Description**
Personal Protective Equipment, Safety Equipment, and First Aid Equipment	☐ Cartridge Respirators		
	☐ Chemical Monitoring Equipment *(describe)*		
	☐ Chemical Protective Aprons/Coats		
	☐ Chemical Protective Boots		
	☒ Chemical Protective Gloves	Joe Nota	
	☐ Chemical Protective Suits *(describe)*		
	☐ Face Shields		
	☒ First Aid Kits/Stations *(describe)*	Shop/Cafe	
	☐ Hard Hats		
	☐ Plumbed Eye Wash Stations		
	☐ Portable Eye Wash Kits *(i.e bottle type)*		
	☐ Respirator Cartridges *(describe)*		
	☒ Safety Glasses/Splash Goggles	Various	
	☐ Safety Showers		
	☐ Self-Contained Breathing Apparatuses (SCBA)		
	☐ Other *(describe)*		
Fire Extinguishing Systems	☒ Automatic Fire Sprinkler Systems	Bldg	
	☒ Fire Alarm Boxes/Stations	Throughout	
	☐ Fire Extinguisher Systems *(describe)*		
	☐ Other *(describe)*		
Spill Control Equipment and Decontamination Equipment	☒ Absorbents *(describe)*	Joe Nota	
	☐ Berms/Dikes *(describe)*		
	☐ Decontamination Equipment *(describe)*		
	☐ Emergency Tanks *(describe)*		
	☒ Exhaust Hoods	Various	
	☐ Gas Cylinder Leak Repair Kits *(describe)*		
	☐ Neutralizers *(describe)*		
	☐ Overpack Drums		
	☐ Sumps *(describe)*		
	☐ Other *(describe)*		
Communications and Alarm Systems	☐ Chemical Alarms *(describe)*		
	☒ Intercoms/ PA Systems	Throughout	
	☐ Portable Radios		
	☒ Telephones	Throughtout	
	☒ Underground Tank Leak Detection Monitors		
	☐ Other *(describe)*		
Additional Equipment *(Use Additional Pages if Needed)*	☐		
	☐		
	☐		
	☐		
	☐		
	☐		

* *Use the map and grid numbers from the Storage Map prepared earlier for your HMBP.*

** *Describe the equipment and its capabilities. If applicable, specify any testing/maintenance procedures/intervals. Attach additional pages, numbered appropriately, if needed.*

Inventory for Building Occupancy Classification

Prepared By: Integrated Engineering Services

Plan Check No.: _____ Proposed Occupancy Classification: H6

Control Area No.: H6 Is this area protected by a fire sprinkler system? Yes

Signature of Preparer: Jeff Lucker Date: 6/6/2005

1. Room #	2. Chemical Name & Concentration		3. UBC Class(es) Physical & Health Hazards	4. Quantity Stored [1]	5. Quantity in Use Open [2]	Closed [3]	6. Stored in Approved Cabinet?
H6 Fab Wet Etch	**Amerimade Base Bath #1**		Corr	Gal.	3 Gal.	Gal.	No
	Ammonia solution, 30%	1 prt	Irr				
	Water	4 prts					
H6 Fab Wet Etch	**Amerimade Base Bath #2**		Oxy-1	Gal.	3 Gal.	Gal.	No
	Shipley LDD26 Developer	100%	WR-1				
	Water		Corr				
H6 Fab Wet Etch	**Amerimade Base Bath #3**		Oxy-1	Gal.	3 Gal.	Gal.	No
	RC1	1part	Irr				
	Ammonia solution, 30%	1 part					
	Hydrogen Peroxide 30%						
H6 Fab H6 Fab	**Ammonium Fluoride, aqueous solution**	70	Tox Corr OHH	1 Gal	Gal.	Gal.	Yes
H6 Fab SpryEtc	**Ammonium Hydroxide 28-50%**		Corr Irr	4 Gal.	Gal.	Gal.	Yes
H6 Fab H6 Fab	**AZ 300/400T (NMP Stripper)** Methyl-2-pyrrolidinone (NMP)		CL-IIIA Carc	1 Gal.	Gal.	Gal.	Yes
H6 Fab H6 Fab	**AZ 300T photoresist stripper**		CL-IIIB Irr OHH	1 Gal.	Gal.	Gal.	Yes
H6 Fab Packaging	**Backside Plate Cleaning Bath #1**		Irr	Gal.	3.9 Gal.	Gal.	No
	Surfactant,	10					
	Water	90					
H6 Fab Packaging	**Backside Plate Cleaning Bath #2** Water Water		N/R	Gal.	3.9 Gal.	Gal.	No
H6 Fab Packaging	**Backside Plate Cleaning Bath #3** Isopropyl Alcohol (IPA)	100	FL-1B	Gal.	3.9 Gal.	Gal.	No
H6 Fab SpryEtc	**BOE Etchant 7:1**		Corr	1 Gal.	Gal.	Gal.	Yes
	Hydrogen Fluoride,	6.48%	OHH				
	Ammonium Fluoride	35.3%					

[1] *Total Quantity. Includes agregate quanity in use and storage per UBC.*

[2] Open Use - Use of a solid or liquid hazardous material in a vessel or system that is continuously open to the atmosphere during normal operations and where vapors are liberated, or the product is exposed to the atmosphere during normal operations. Examples of open systems for liquids include dispensing from or into *open beakers or containers; dip tank operations; plating operations;* etc.

[3] *Closed Use - Use of a solid or liquid hazardous material in a closed vessel or system that remains closed during normal operations where vapors emitted by the product are not liberated outside of the vessel or system and the product is not exposed to the atmosphere during normal use; and all uses of compressed gases. Examples of closed systems for solids and liquids include product conveyed through a piping system into a closed vessel, system, or piece of equipment; reaction process operations;*

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Inventory for Building Occupancy Classification

Prepared By: Integrated Engineering Services

Plan Check No.: _____ Proposed Occupancy Classification: H6

Control Area No.. H6 Is this area protected by a fire sprinkler system? Yes

Signature of Preparer: Jeff Carter Date: 6/6/2005

1. Room #	2. Chemical Name & Concentration		3. UBC Class(es) Physical & Health Hazards	4. Quantity Stored [1]	5. Quantity in Use Open [2]	Closed [3]	6. Stored in Approved Cabinet?
H6 Fab	**BOE Etchants 4:1**		Tox	1.06 Gal.	Gal.	Gal.	Yes
H6 Fab	Hydrogen Fluoride	10	Corr				
	Ammonium Fluoride	30					
	Super Wet Surfacant	60					
H6 Fab	**Boron Trichloride**		Corr	Cu.Ft.	Cu.Ft.	572 Cu.Ft.	GC2
H6 Fab			H.T.				
			WR-1			174 Lbs	TQ = 5,000 lbs.
H6 Fab	**Bufferd Oxide etch 6:1(BOE)**		Tox	2 Gal.	Gal.	Gal.	Yes
H6 Fab	Ammonium Fluoride	30-50	Corr				
	Hydrogen Fluoride,	0.5-10					
	water, HPLC grade	40-70					
H6 Fab	**Chromium Metal**		N/R	0.2 Lbs.	Lbs.	0.01 Lbs.	No
H6 Fab	chromium	100					
H6 Fab	**CR-14 Chromium Etchant**		Corr	3 Gal.	Gal.	Gal.	Yes
H6 Fab	Acetic Acid, Glacial	8					
	ammonium cerium(IV) nitrate	22					
H6 Fab	**Cyclohexanone**		CL-II	0.26 Gal.	Gal.	Gal.	Yes
H6 Fab	Cyclohexanone	100%	Irr				
			OHH				
			Tox				
H6 Fab	**EBR Sr-14 Rohm Haas**		CL-II	1 Gal.	Gal.	Gal.	Yes
H6 Fab			Irr				
			OHH				
			Tox				
H6 Fab	**Eng. Acid Bench Bath#1**		Oxy-2	Gal.	3 Gal.	Gal.	No
WetEtch	PAN etch	16prt	Corr				
	Phosphoric Acid, 85%	1 prt	Tox				
	Acetic Acid, Glacial						
H6 Fab	**Eng. Acid Bench Bath#2**		Oxy-2	Gal.	3 Gal.	Gal.	No
WetEtch	Pad etch	14%	Corr				
	Ammonium Fluoride 70%	33%	Tox				
	Acetic Acid, Glacial						

[1] Total Quantity. Includes agregate quanity in use and storage per UBC.

[2] Open Use - Use of a solid or liquid hazardous material in a vessel or system that is continuously open to the atmosphere during normal operations and where vapors are liberated, or the product is exposed to the atmosphere during normal operations. Examples of open systems for liquids include dispensing from or into open beakers or containers; dip tank operations; plating operations; etc.

[3] Closed Use - Use of a solid or liquid hazardous material in a closed vessel or system that remains closed during normal operations where vapors emitted by the product are not liberated outside of the vessel or system and the product is not exposed to the atmosphere during normal use; and all uses of compressed gases. Examples of closed systems for solids and liquids include product conveyed through a piping system into a closed vessel, system, or piece of equipment; reaction process operations;

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Inventory for Building Occupancy Classification

Prepared By: Integrated Engineering Services

Plan Check No.: _____ Proposed Occupancy Classification: H6

Control Area No.: H6 Is this area protected by a fire sprinkler system? Yes

Signature of Preparer: Jeff Lanter Date: 6/6/2005

1. Room #	2. Chemical Name & Concentration		3. UBC Class(es) Physical & Health Hazards	4. Quantity Stored [1]	5. Quantity in Use Open [2]	Closed [3]	6. Stored in Approved Cabinet?
H6 Fab WetEtch	**Eng. Acid Bench Bath#3**		Oxy-1	Gal.	3 Gal.	Gal.	No
	Hydrochloric Acid 37%	5prts	Corr				
	Nitric Acid 70%	1prt					
	Water	4prts					
H6 Fab WetEtch	**Eng. Acid Bench Bath#4**		Oxy-1	Gal.	3 Gal.	Gal.	No
	water	4 prts	Corr				
	Nitric Acid 70%	1 prt					
H6 Fab WetEtch	**Eng. Solvent Bench Bath#1**		FL-1B	Gal.	3 Gal.	Gal.	No
	Photresist Stripper		Irr				
	MEK						
H6 Fab WetEtch	**Eng. Solvent Bench Bath#2**		FL-1B	Gal.	3 Gal.	Gal.	No
	Photresist Stripper		Irr				
	MEK						
H6 Fab WetEtch	**Eng. Solvent Bench Bath#3**		FL-1B	Gal.	3 Gal.	Gal.	No
	Isopropyl Alcohol (IPA)						
H6 Fab WetEtch	**Eng. Solvent Bench Bath#4**		N/R	Gal.	3 Gal.	Gal.	No
	TBD						
H6 Fab H6 Fab	**ferric chloride Solution**		Irr	2 Gal.	Gal.	Gal.	No
H6 Fab H6 Fab	**Forming Gas 10% H2 in Nitrogen**		FG	300 Cu.Ft.	Cu.Ft.	Cu.Ft.	No
H6 Fab H6 Fab	**Futurrex EBR 2**		CL-II	2 Gal.	Gal.	Gal.	Yes
			Irr				
			OHH				
			Tox				
H6 Fab H6 Fab	**Futurrex NR-7-350P Negative Resist**		CL-II	2 Gal.	Gal.	0.26 Gal.	Yes
	Cyclohexanoe		Irr				
	Resins		OHH				
			Tox				
H6 Fab H6 Fab	**Futurrex NR7-1000P Negative Resist**		CL-II	2 Gal.	.1 Gal.	Gal.	Yes
	Cyclohexanone		Irr				
			OHH				
			Tox				

[1] Total Quantity. Includes agregate quanity in use and storage per UBC.

[2] *Open Use - Use of a solid or liquid hazardous material in a vessel or system that is continuously open to the atmosphere during normal operations and where vapors are liberated, or the product is exposed to the atmosphere during normal operations. Examples of open systems for liquids include dispensing from or into open beakers or containers; dip tank operations; plating operations; etc.*

[3] Closed Use - Use of a solid or liquid hazardous material in a closed vessel or system that remains closed during normal operations where vapors emitted by the product are not liberated outside of the vessel or system and the product is not exposed to the atmosphere during normal use; and all uses of compressed gases. Examples of closed systems for solids and liquids include product conveyed through a piping system into a closed vessel, system, or piece of equipment; reaction process operations;

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Inventory for Building Occupancy Classification

Prepared By: Integrated Engineering Services

Plan Check No.: _____ Proposed Occupancy Classification: H7

Control Area No.: H7 Is this area protected by a fire sprinkler system? Yes

Signature of Preparer: Jeff Carter Date: 6/23/2005

1. Room #	2. Chemical Name & Concentration	3. UBC Class(es) Physical & Health Hazards	4. Quantity Stored [1]	5. Quantity in Use		6. Stored in Approved Cabinet?
				Open [2]	Closed [3]	
Gas Bunker ToxGas Pad	Chlorine, Anhydrous	Tox Corr Oxy-gas	Cu.Ft.	Cu.Ft.	540 Cu.Ft.	Yes
Gas Bunker ToxGas Pad	Ammonia, Anhydrous	Corr FG	Cu.Ft.	Cu.Ft.	2250 Cu.Ft.	Yes
Gas Bunker ToxGas Pad	Nitrogen Trifluoride	Oxy-gas Irr OHH	238 Cu.Ft.	Cu.Ft.	476 Cu.Ft.	Yes
Gas Bunker ToxGas Pad	Hydrogen Bromide	Irr	Cu.Ft.	Cu.Ft.	960 Cu.Ft.	Yes
Gas Bunker ToxGas Pad	Nitrogen	NFG	Cu.Ft.	Cu.Ft.	1785 Cu.Ft.	No

[1] Total Quantity. Includes agregate quanity in use and storage per UBC.

[2] Open Use - Use of a solid or liquid hazardous material in a vessel or system that is continuously open to the atmosphere during normal operations and where vapors are liberated, or the product is exposed to the atmosphere during normal operations. Examples of open systems for liquids include dispensing from or into open beakers or containers, dip tank operations; plating operations; etc.

[3] Closed Use - Use of a solid or liquid hazardous material in a closed vessel or system that remains closed during normal operations where vapors emitted by the product are not liberated outside of the vessel or system and the product is not exposed to the atmosphere during normal use; and all uses of compressed gases. Examples of closed systems for solids and liquids include product conveyed through a piping system into a closed vessel, system, or piece of equipment; reaction process operations;

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Inventory for Building Occupancy Classification

Prepared By: Integrated Engineering Services

Plan Check No.: _____ Proposed Occupancy Classification: H2

Control Area No.: H2 Is this area protected by a fire sprinkler system? Yes

Signature of Preparer: Jeff Carter Date: 6/27/2005

1. Room #	2. Chemical Name & Concentration	3. UBC Class(es) Physical & Health Hazards	4. Quantity Stored [1]	5. Quantity In Use		6. Stored In Approved Cabinet?
				Open [2]	Closed [3]	
Inert Gas Inert GasPd	Sulfur Hexafluoride Sulfur Hexafluoride 100	NFG	265 Cu.Ft.	Cu.Ft.	265 Cu.Ft.	No
Gas Bunker Inert GasPd	Helium	NFG	576 Cu.Ft.	Cu.Ft.	1152 Cu.Ft.	No
Gas Bunker Inert GasPd	Freon-14 (perfluoromethane) carbon Tetrafluoride	OHH	265 Cu.Ft.	Cu.Ft.	265 Cu.Ft.	No
Gas Bunker Inert GasPd	Argon, Cryogenic	CRY-NFG	600 Gal.	Gal.	120 Gal.	No
Gas Bunker Inert GasPd	Halocarbon 23 trifluoromethane	OHH	Cu.Ft.	Cu.Ft.	766 Cu.Ft.	No
Gas Bunker Inert Gas	trifluoromethane R23	OHH	385 Cu.Ft.	Cu.Ft.	385 Cu.Ft.	No

[1] Total Quantity Includes agregate quanity in use and storage per UBC.

[2] Open Use - Use of a solid or liquid hazardous material in a vessel or system that is continuously open to the atmosphere during normal operations and where vapors are liberated, or the product is exposed to the atmosphere during normal operations. Examples of open systems for liquids include dispensing from or into open beakers or containers; dip tank operations; plating operations; etc.

[3] Closed Use - Use of a solid or liquid hazardous material in a closed vessel or system that remains closed during normal operations where vapors emitted by the product are not liberated outside of the vessel or system and the product is not exposed to the atmosphere during normal use; and all uses of compressed gases. Examples of closed systems for solids and liquids include product conveyed through a piping system into a closed vessel, system, or piece of equipment; reaction process operations;

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Inventory for Building Occupancy Classification

Prepared By: Integrated Engineering Services

Plan Check No.: _____ Proposed Occupancy Classification: H2

Control Area No.: H2 Is this area protected by a fire sprinkler system? Yes

Signature of Preparer: Jeff Tucker Date: 6/27/2005

1. Room #	2. Chemical Name & Concentration	3. UBC Class(es) Physical & Health Hazards	4. Quantity Stored [1]	5. Quantity in Use		6. Stored in Approved Cabinet?
				Open [2]	Closed [3]	
Gas Bunker OxyGas Pd	Nitrous oxide	Oxy-gas OHH	565 Cu.Ft.	Cu.Ft.	1130 Cu.Ft.	No
Gas Bunker OxyGas Pd	Oxygen	Oxy-gas	488 Cu.Ft.	Cu.Ft.	244 Cu.Ft.	No

[1] Total Quantity. Includes agregate quanity in use and storage per UBC.

[2] Open Use - Use of a solid or liquid hazardous material in a vessel or system that is continuously open to the atmosphere during normal operations and where vapors are liberated, or the product is exposed to the atmosphere during normal operations. Examples of open systems for liquids include dispensing from or into open beakers or containers; dip tank operations; plating operations; etc.

[3] Closed Use - Use of a solid or liquid hazardous material in a closed vessel or system that remains closed during normal operations where vapors emitted by the product are not liberated outside of the vessel or system and the product is not exposed to the atmosphere during normal use; and all uses of compressed gases. Examples of closed systems for solids and liquids include product conveyed through a piping system into a closed vessel, system, or piece of equipment; reaction process operations;

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Inventory for Building Occupancy Classification

Prepared By: Integrated Engineering Services

Plan Check No.: _____ Proposed Occupancy Classification: H2

Control Area No.: H2 Is this area protected by a fire sprinkler system? Yes

Signature of Preparer: Jeff Linder Date: 6/23/2005

1. Room #	2. Chemical Name & Concentration	3. UBC Class(es) Physical & Health Hazards	4. Quantity Stored [1]	5. Quantity in Use		6. Stored in Approved Cabinet?
				Open [2]	Closed [3]	
Gas Bunker PryoGas Pd	Silane	Pyro UR-1 OHH	Cu.Ft.	Cu.Ft.	266 Cu.Ft.	Yes
Gas Bunker PryoGas Pd	Nitrogen	NFG	Cu.Ft.	Cu.Ft.	255 Cu.Ft.	No

[1] Total Quantity. Includes agregate quanity in use and storage per UBC.

[2] Open Use - Use of a solid or liquid hazardous material in a vessel or system that is continuously open to the atmosphere during normal operations and where vapors are liberated, or the product is exposed to the atmosphere during normal operations. Examples of open systems for liquids include dispensing from or into open beakers or containers; dip tank operations; plating operations; etc.

[3] Closed Use - Use of a solid or liquid hazardous material in a closed vessel or system that remains closed during normal operations where vapors emitted by the product are not liberated outside of the vessel or system and the product is not exposed to the atmosphere during normal use; and all uses of compressed gases. Examples of closed systems for solids and liquids include product conveyed through a piping system into a closed vessel, system, or piece of equipment, reaction process operations;

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Inventory for Building Occupancy Classification

Prepared By: Integrated Engineering Services

Plan Check No.: _____ Proposed Occupancy Classification: Outdoor

Control Area No.: H2 Is this area protected by a fire sprinkler system? Yes

Signature of Preparer: Jeff Lauter Date: 6/27/2005

1. Room #	2. Chemical Name & Concentration	3. UBC Class(es) Physical & Health Hazards	4. Quantity Stored [1]	5. Quantity in Use		6. Stored in Approved Cabinet?
				Open [2]	Closed [3]	
Exterior Solvent	Solvent Waste Tank	FL-1B Irr	500 Gal.	Gal.	Gal.	No

[1] Total Quantity. Includes agregate quanity in use and storage per UBC.

[2] Open Use - Use of a solid or liquid hazardous material in a vessel or system that is continuously open to the atmosphere during normal operations and where vapors are liberated, or the product is exposed to the atmosphere during normal operations. Examples of open systems for liquids include dispensing from or into open beakers or containers; dip tank operations; plating operations; etc.

[3] Closed Use - Use of a solid or liquid hazardous material in a closed vessel or system that remains closed during normal operations where vapors emitted by the product are not liberated outside of the vessel or system and the product is not exposed to the atmosphere during normal use; and all uses of compressed gases. Examples of closed systems for solids and liquids include product conveyed through a piping system into a closed vessel, system, or piece of equipment; reaction process operations.

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05025432

Inventory for Building Occupancy Classification

Prepared By: Integrated Engineering Services

Plan Check No.: _____ Proposed Occupancy Classification: H6

Control Area No.: H6 Is this area protected by a fire sprinkler system? Yes

Signature of Preparer: Jeff Carter Date: 6/6/2005

1. Room #	2. Chemical Name & Concentration	3. UBC Class(es) Physical & Health Hazards	4. Quantity Stored [1]	5. Quantity in Use		6. Stored in Approved Cabinet?
				Open [2]	Closed [3]	
H6 Fab H6 Fab	Helium	NFG	Cu.Ft.	Cu.Ft.	576 Cu.Ft.	No
H6 Fab H6 Fab	Hexamethyldisilazane (HMDS) Hexamethyldisilazane 98	FL-1B UR-2 WR-1	1 Gal.	Gal.	0.07 Gal.	Yes
H6 Fab Spry Etc	Hydrochloric Acid 15-37%	Corr	1 Gal.	Gal.	Gal.	Yes
H6 Fab Spry Etc	hydrofluoric acid, 10-48% aqueous solution Hydrogen Fluoride, 10-48	Tox Corr OHH	1 Gal.	Gal.	Gal.	Yes
H6 Fab Spry Etc	Hydrogen Peroxide 30-35% Hydrogen Peroxide 30-35%	Oxy-2 Corr	1 Gal.	Gal.	Gal.	Yes
H6 Fab WaferCl	Isopropyl Alcohol (IPA) Isopropyl Alcohol (IPA)	FL-1B Irr	16 Gal.	Gal.	Gal.	Yes
H6 Fab H6 Fab	Methanol	FL-1B Irr	2 Gal.	Gal.	1 Gal.	Yes
H6 Fab H6 Fab	METHOXY-2-PROPANOL 100	FL-1C Irr	0.25 Gal.	Gal.	Gal.	Yes
H6 Fab H6 Fab	Methyl Ethyl Ketone (MEK) Methyl Ethyl Ketone (MEK) 100	FL-1B Irr	0.5 Gal.	Gal.	Gal.	Yes
H6 Fab H6 Fab	Methyl-2-pyrrolidinone (NMP)	CL-IIIA Carc	1 Gal.	Gal.	Gal.	Yes
H6 Fab H6 Fab	Molybdenum Metal Molybdenum 100	N/R	0.2 Lbs.	Lbs.	0.01 Lbs.	No
H6 Fab H6 Fab	Neg Resist Dev Futurrex RD6 2-3	Corr OHH	1 Gal.	Gal.	1 Gal.	Yes
H6 Fab H6 Fab	Nickel Metal Nickel 100	N/R	0.2 Lbs.	Lbs.	0.01 Lbs.	No
H6 Fab H6 Fab	Nitric Acid 41-86% Nitric Acid 41-86	Oxy-2 Corr	2 Gal.	Gal.	Gal.	Yes

[1] Total Quantity. Includes agregate quanity in use and storage per UBC.

[2] Open Use - Use of a solid or liquid hazardous material in a vessel or system that is continuously open to the atmosphere during normal operations and where vapors are liberated, or the product is exposed to the atmosphere during normal operations. Examples of open systems for liquids include dispensing from or into open beakers or containers; dip tank operations; plating operations; etc.

[3] Closed Use - Use of a solid or liquid hazardous material in a closed vessel or system that remains closed during normal operations where vapors emitted by the product are not liberated outside of the vessel or system and the product is not exposed to the atmosphere during normal use; and all uses of compressed gases. Examples of closed systems for solids and liquids include product conveyed through a piping system into a closed vessel, system, or piece of equipment; reaction process operations;

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2581 Junction Qualcomm

Inventory for Building Occupancy Classification

Prepared By: Integrated Engineering Services

Plan Check No.: _____ Proposed Occupancy Classification: H6

Control Area No.: H6 Is this area protected by a fire sprinkler system? Yes

Signature of Preparer: Jeff Carter Date: 6/6/2005

1. Room #	2. Chemical Name & Concentration		3. UBC Class(es) Physical & Health Hazards	4. Quantity Stored [1]	5. Quantity in Use Open [2]	Closed [3]	6. Stored in Approved Cabinet?
H6 Fab	**Pad Etch**		Corr	2 Gal.	Gal.	Gal.	Yes
H6 Fab	Acetic Acid	31-35					
	Ammonium Fluoride	12-16					
	water, HPLC grade	51-55					
H6 Fab	**Phosphoric Acid, >80%**		Corr	2 Gal.	Gal.	Gal.	Yes
H6 Fab	Phosphoric Acid, >80%						
H6 Fab	**Pos Photoresist SPR 3612**		CL-II	7.25 Gal.	Gal.	Gal.	Yes
H6 Fab			Irr				
H6 Fab	**Positive Resist Developer LDD**		Irr	12 Gal.	Gal.	Gal.	No
H6 Fab	**26W**		OHH				
	Tetramethylammonium	2-3					
H6 Fab	**Potassium Hydroxide, 45%**		Corr	1 Gal.	Gal.	Gal.	Yes
Spry Etc	**aqueous solution**		WR-1				
	Potassium Hydroxide,	45					
H6 Fab	**PRX127 Photoresist Stripper**		CL-II	6 Gal.	Gal.	Gal.	Yes
H6 Fab							
H6 Fab	***Quartz***		N/R	0.2 Lbs.	Lbs.	0.01 Lbs.	No
H6 Fab	silica, crystalline						
H6 Fab	**SILICON**		N/R	0.2 Lbs.	Lbs.	0.01 Lbs.	No
H6 Fab	1,3,3,5-tetramethyl-1,1,5,5-te						
H6 Fab	**Silicone Adhesive**		Irr	0.01 Lbs.	0.01 Lbs.	Lbs.	No
H6 Fab							
H6 Fab	**Spin on Glass PC3-700**		FL-1B	1 Gal.	Gal.	Gal.	Yes
H6 Fab	N-Butyl Acetate		Irr				
H6 Fab	**Spin on Glass System Bath #1**		FL-1B	Gal.	0.26 Gal.	Gal.	No
Playgrnd#2	N-Butyl Acetate		Irr				
H6 Fab	**Spin on Glass System Bath #2**		FL-1B	Gal.	0.26 Gal.	Gal.	No
Playgrnd#2	N-Butyl Acetate		Irr				
H6 Fab	**Sulfuric Acid 92-98%**		Corr	1 Gal.	Gal.	Gal.	Yes
H6 Fab	Sulfuric Acid	92-98	WR-2				
			Tox				

[1] Total Quantity. Includes agregate quanity in use and storage per UBC.

[2] Open Use - Use of a solid or liquid hazardous material in a vessel or system that is continuously open to the atmosphere during normal operations and where vapors are liberated, or the product is exposed to the atmosphere during normal operations. Examples of open systems for liquids include dispensing from or into open beakers or containers; dip tank operations; plating operations; etc.

[3] Closed Use - Use of a solid or liquid hazardous material in a closed vessel or system that remains closed during normal operations where vapors emitted by the product are not liberated outside of the vessel or system and the product is not exposed to the atmosphere during normal use; and all uses of compressed gases. Examples of closed systems for solids and liquids include product conveyed through a piping system into a closed vessel, system, or piece of equipment; reaction process operations;

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Inventory for Building Occupancy Classification

Prepared By: Integrated Engineering Services

Plan Check No.: _____ Proposed Occupancy Classification: H6

Control Area No.: H6 Is this area protected by a fire sprinkler system? Yes

Signature of Preparer: Jeff Lester Date: 6/6/2005

1. Room #	2. Chemical Name & Concentration	3. UBC Class(es) Physical & Health Hazards	4. Quantity Stored [1]	5. Quantity in Use		6. Stored in Approved Cabinet?
				Open [2]	Closed [3]	
H6 Fab Photo	**SVG Coat Track #1 - Bath#1** Hexamethyldisilazane	CL-IIIB Corr OHH	2.10 Gal.	0.26 Gal.	Gal.	No
H6 Fab Photo	**SVG Coat Track #1 - Bath#2** Positivie Photoresist	CL-IIIA Irr OHH	2.1 Gal.	0.26 Gal.	Gal.	No
H6 Fab Photo	**SVG Coat Track #2- Bath#1** Hexamethyldisilazane	CL-IIIB Corr OHH	.5 Gal.	0.26 Gal.	Gal.	No
H6 Fab Photo	**SVG Coat Track #2 - Bath#2** Negative Photoresist	FL-1C Irr OHH	.5 Gal.	0.26 Gal.	Gal.	No
H6 Fab Photo	**SVG Dev Track #1** Futurex Positive PhotoDev.	CL-IIIA Irr OHH	3.2 Gal.	1 Gal.	Gal.	Yes
H6 Fab Photo	**SVG Dev Track #2** Negative Photo resist Dev	FL-1C Irr OHH	0.6 Gal.	1 Gal.	Gal.	Yes
H6 Fab Thermal1	**TEOS**	CL-II OHH Irr Tox	Gal.	Gal.	1 Gal.	Yes
H6 Fab Thermal1	***Trimethylborane***	OHH	Gal.	Gal.	1 Gal.	No
H6 Fab H6 Fab	**Valtron SP 2200-surfactant**	CL-IIIB Irr	4 Gal.	Gal.	Gal.	Yes
H6 Fab WetEtch	**Wafer Clean SSEC3302 Bath #1** water Surfactant	Irr	Gal.	3 Gal.	Gal.	No
H6 Fab WetEtch	**Wafer Clean SSEC3302 Bath #2** Ammonia solution, 30% 1 prt water 4 prt	Irr	Gal.	3 Gal.	Gal.	No

[1] Total Quantity. Includes agregate quanity in use and storage per UBC.
[2] Open Use - Use of a solid or liquid hazardous material in a vessel or system that is continuously open to the atmosphere during normal operations and where vapors are liberated, or the product is exposed to the atmosphere during normal operations. Examples of open systems for liquids include dispensing from or into open beakers or containers; dip tank operations; plating operations; etc.
[3] Closed Use - Use of a solid or liquid hazardous material in a closed vessel or system that remains closed during normal operations where vapors emitted by the product are not liberated outside of the vessel or system and the product is not exposed to the atmosphere during normal use; and all uses of compressed gases. Examples of closed systems for solids and liquids include product conveyed through a piping system into a closed vessel, system, or piece of equipment; reaction process operations;

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Inventory for Building Occupancy Classification

Prepared By: Integrated Engineering Services

Plan Check No.: _____ Proposed Occupancy Classification: H6

Control Area No.: H6 Is this area protected by a fire sprinkler system? Yes

Signature of Preparer: Jeff Carter Date: 6/6/2005

1. Room #	2. Chemical Name & Concentration	3. UBC Class(es) Physical & Health Hazards	4. Quantity Stored [1]	5. Quantity in Use		6. Stored in Approved Cabinet?
				Open [2]	Closed [3]	
H6 Fab H6 Fab	XENON DIFLUORIDE	WR-3 Oxy-2 Tox Corr	Lbs.	Lbs.	2.64 Lbs.	Yes

[1] Total Quantity. Includes agregate quanity in use and storage per UBC.

[2] *Open Use* - Use of a solid or liquid hazardous material in a vessel or system that is continuously open to the atmosphere during normal operations and where vapors are liberated, or the product is exposed to the atmosphere during normal operations. Examples of open systems for liquids include dispensing from or into open beakers or containers; dip tank operations; plating operations; etc.

[3] Closed Use - Use of a solid or liquid hazardous material in a closed vessel or system that remains closed during normal operations where vapors emitted by the product are not liberated outside of the vessel or system and the product is not exposed to the atmosphere during normal use; and all uses of compressed gases. Examples of closed systems for solids and liquids include product conveyed through a piping system into a closed vessel, system, or piece of equipment; reaction process operations,

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C. Endicott 1/10/01

HAZARDOUS MATERIALS BUSINESS PLAN
Section A - General Information

1. Facility Information: *(Note: Print or type all information. Instructions are located on the other side of this page.)*

Business Name: _Sony Electronics Inc. _____ Business Phone: (_408___) __955-5912__

Site Address: __3300 Zanker Road

City: ___San Jose_____ State: ___CA___ Zip: _95134_____

Dunn & Bradstreet No.: ___106799802_____ Primary SIC Code *(4 digit)*: _____

Operator Name: ____Sony Electronics Inc_____ Operator Phone: (_408___) _955-5912_____

2. Business Owner Information:

Owner Name: ___Sony Electronics Inc._____ Owner Phone: (__408__) ____955-5912___

Owner Mailing Address: _____ (If different from site address)

City: _____ State: _____ Zip: _____

3. Environmental Contact:

Contact Name: ___Steven M. Hochstadt P.E._____ Contact Phone: (_408_) __955-5912____

Contact Mailing Address: _____ (If different from site address)

City: _____ State: _____ Zip: _____

4. Emergency Contacts:

Primary Emergency Coordinator	Secondary Emergency Coordinator
Name: ___Steven Hochstadt_____	Name: __Terry Bredek_____
Title: __Manager, Safety & Environ_____	Title: ____Facilities Director_____
Business Phone: (_408_) ___955-5912____	Business Phone: (_408___) __955-5920_____
24 Hour Phone: (_415_) ____967-4895 ___	24 Hour Phone: (__408__) ___258-8257_____
Pager No.: (__800_) _759-8888 pin 1268635_	Pager No.: (_800___) _759-8888 pin 1065643____

☐ *(Check box only if applicable)* Additional Emergency Coordinators are listed on page _____ of this HMBP.

5. Acutely Hazardous Materials (AHMs):

Are AHMs Present On-Site? ☐ Yes; ☒ No *(Note: If yes, contact your local agency regarding an AHM Registration appendix to the HMBP.)*

6. Additional Required Information:

EPA ID No.: ___CAD983666264_____ Principal Type of Business: ___Electronics_____

Billing Address: _____ (If different from owner mailing address) City: _____ State: _____ Zip: _____

Industrial Waste Discharge Contact: _____N/A_____ Phone No.: (_____) _____

Property Owner: _____Sony Electronics Inc._____ Phone No.: (_408___) ___955-5920_____

Facility Hours of Operation: _7 am - 7 pm_____ No. of Employees Per Shift: Day _1800; Swing; _____; Grave _____

7. OWNER/OPERATOR CERTIFICATION: I am an officer at the level of Vice-President, General Partner, Sole Proprietor, or higher. I hereby certify under penalty of law that this information was obtained in accordance with applicable requirements. Based upon my inquiry of those individuals responsible for obtaining the information reported herein, I believe that the submitted information is true, accurate, and complete.

Name of HMBP Document Preparer *(Print)*: ___Steven Hochstaft_____ Title: _Manager, Safety & Environ Health_____

Signature of Owner/Operator: X _____ Date: ___/___/____.

George W. Ziegler Jr.
V.P. Finance-CFO
Sony Electronics Inc.

C. Endicott

SONY

Sony Electronics Inc

JUN 04 200

June 1, 2001

San Jose Fire Department
Fire Prevention Bureau
4 North Second Streets
San Jose, CA 95113
Attn: Haz Mat

Dear Sir or Madam:

Enclosed for your review is the updated Hazardous Materials Business Plan (HMBP) for Sony Electronics. There have been many changes at our 3300 Zanker Road facility that affects our Haz Mat plan. We no longer use the foam in place packaging system in our shipping & receiving dept. We closed our print and photo processing centers. Our repair and service operations have relocated to Fremont & Milpitas.

These changes have resulted in significant reductions in the quantities of hazardous materials used or stored at our facility. What remains are chemicals that are used for facilities maintenance (paints, sealants, adhesives), kitchen/cafeteria operations (soaps, cleaners, disinfectants) and janitorial services (cleaners, polishes, sealers). We still have the 2 above ground storage tanks for diesel fuel, as listed on the inventory form. All other usage is small quantity bench top use.

Please call me if you have any questions. Thank you.

Sincerely,

Steven M. Hochstadt, P. E.
Mgr, Environ Health & Safety

Enclosure: HMBP

SONY

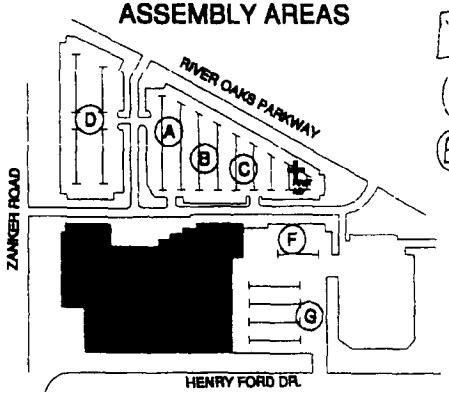
San Jose, CA

ZONE NUM.	ASSEMBLY AREA	
1-1	Ⓓ	CONFERENCE AREA
1-2	Ⓓ	HR
1-3	Ⓓ	SAFETY, SECURITY, SEG
1-4	Ⓖ	FACILITIES
1-5	Ⓖ	ITD & ITVD
1-6	Ⓕ	CONSUMER SALES, SERVICE
1-7	Ⓑ	FAMILY STORE
1-8	Ⓕ	BPC, SI WAREHOUSE
1-9	Ⓖ	SHIPPING & RECEIVING, MAILROOM
1-10	Ⓖ	USRL, SLT LAB
1-11	Ⓓ	CORP COMM, IPD, LAW, TPSO & ISSA

◀ EXIT EMERGENCY EXITS

(#) STAIR NUMBER

ASSEMBLY AREAS



Key:

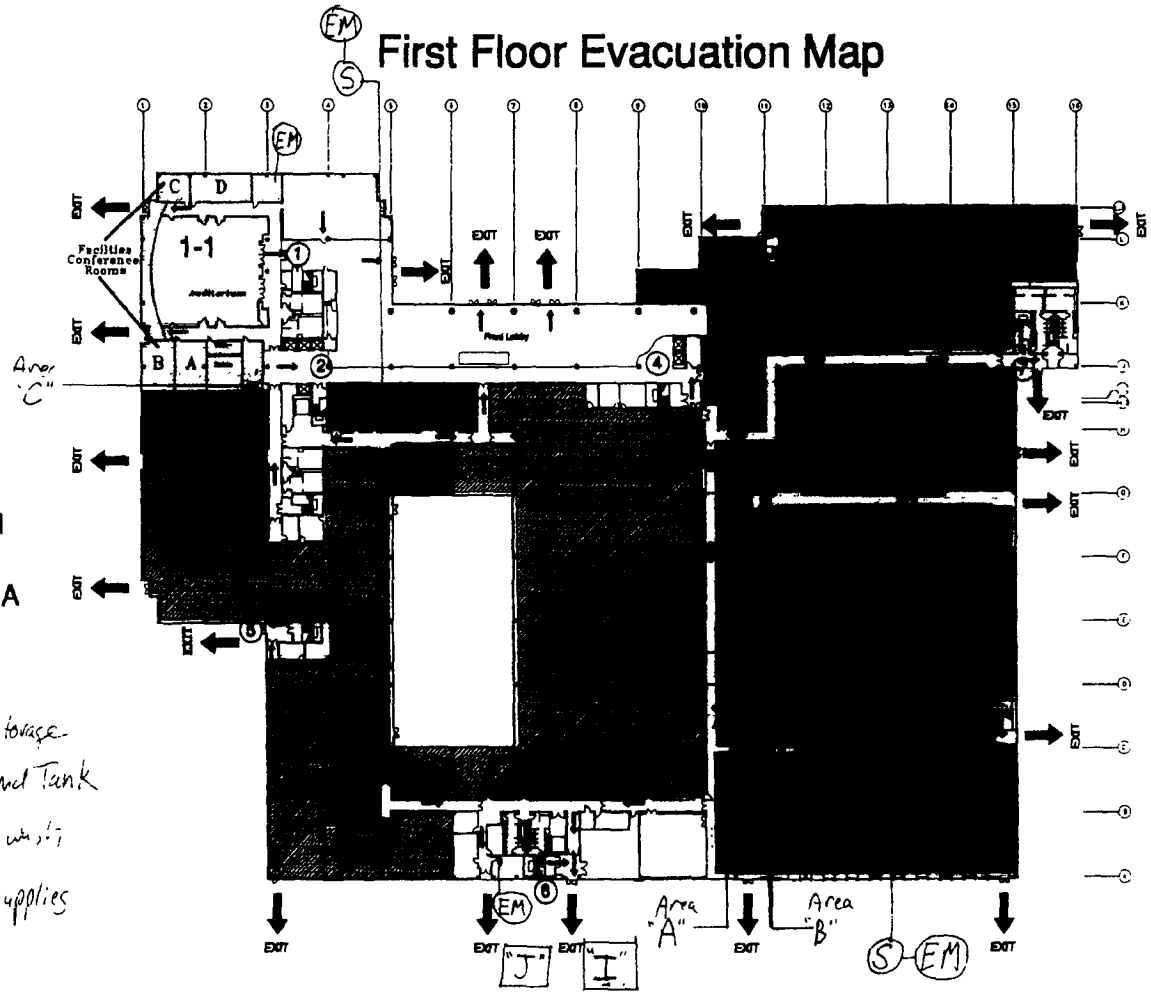
Area "X" - Haz-Mat Storage

"X" - Above Ground Tank

Ⓢ - Shower/Eyewash

EM - Emergency Supplies

First Floor Evacuation Map



EVACUATION PROCEDURES

1) Stop work and evacuate area immediately upon hearing the fire alarm, or if instructed to do so
2) If you have time, turn off your own equipment, lock up sensitive business material
3) Walk to the nearest exit and leave the building Do not use the elevator
4) Walk directly to your designated assembly area and wait for your supervisor or manager
5) Stay in your designated assembly area
6) Do not re-enter the building or leave the assembly area unless instructed to do so by ERT, Security or Fire Dept

EMERGENCY DIAL X-5911

NORTH

K:/PROJECTS/SONY/ERT/SONYFLR1.DWG 5/17/99 DRAWN BY: ALWIN

Hazardous Material Inventory Statement- 2001

Storage System/Area: A - Shipping/Receiving Chemicals - Warehouse Area

(1) Location Code	(2) Common/Trade Name	(3) Chemical Name Compenents and Concentrations	%	(4) Chemical Abstract	(5) Physical	(6) Quantity on Hand				(7) Units	(8) Days on	(9) Storage Code			(10) SARA Class	(11) I W
						Max	Ave	Largest Containe	Annual Thruput			Type	Pres	Temp		
A -1	Batteries	Sulfuric Acid	10-40%	7664-93-9	M,L	10	9	900		LB	365	R	A	A	I	
		Acid contained inside of forklift batteries														

Hazardous Material Inventory Statement- 2001

Storage System/Area: B - Maintenance Chemicals - Warehouse Area

(1) Location Code	(2) Common/Trade Name	(3) Chemical Name Compenents and Concentrations	%	(4) Chemical Abstract	(5) Physical	(6) Quantity on Hand				(7) Units	(8) Days on	(9) Storage Code			(10) SARA Class	(11) I.W.
						Max	Ave	Largest Containe	Annual Thruput			Type	Pres	Temp		
B-1	Red iron oxide primer	Ethylene Glycol	1%	107-21-1	M,L	2	1	1		GL	365	F	A	A	N	
B-2	OSH acrylic eggshell finish A014	Ethylene Glycol	1%	107-21-2	M,L	2	1	1		GL	365	F	A	A	N	
B-3	3M 77 spray adhesive	Cyclohexane	10-20	110-82-7	M,L	2	1	0.1		GL	365	F	GA	GA	F,P	
		2-Methylpentane	5-15	107-83-5												
		Isobutane	7-13	75-28-5												
		Dimethyl Ether	7-13	115-10-6												
B-4	Air compressor oil for 2T30 v668	Petroleum Distillates	99%	64742-54-7	M,L	2	1	5		GL	365	N	A	A	N	
B-5	OATEX purple primer cleaner	Methyl Ethyl Ketone	70-80	78-93-3	M,L	2	1	0.1		GL	365	F	A	A	F	
		Tetrahydrofuran	10-15	109-99-9												
		Cyclohexane	15-20	108-94-1												
B-6	Rectorseal pipe thread sealant	Dipropylene Glycol - Methyl Ether	23%	34590-94-8	M,L	2	1	0.1		GL	365	F	A	A	N	
B-7	Spray enamel gloss white	Acetone	18%	67-64-1	M,L	4	7	0.1		GL	365	F	GA	A	F,P	
		Propane	15%	74-98-6												
		Xylene	9%	1330-20-7												
B-8	Polycel insulating foam	Polymeric Diisocyanate	23%	009016-87-9	M,L	6	3	0.1		GL	365	F	GA	A	N	
		Methylene - bis(phenylisocyanate)	17%	00101-68-8												
		HCFC propellant	30%	75-45-6												
B-9	Hi tek steel door lubricant	Aliphatic Hydrocarbon			M,L	2	1	0.1		GL	365	F	GA	A	P	
		Aliphatic Petroleum Naptha														
B-10	Tri flow lubricant	Petroleum distillates	65-70	mixture	M,L	4	2	0.1		GL	365	F	GA	A	F,P	
		Propane	15%	74-98-6												
		Butane	10%	106-97-8												
B-11	Simple green	2-Butoxyethanol	6%	111-76-2	M,L	2	1	1		GL	365	N	A	A	N	
B-12	Contact cement	Petroleum Naphtha	40-45	64742-89-8	M,L	2	1	0.2		GL	365	F	A	A	F	
		Toluene	20-25	108-88-3												
		Methyl Ethyl Ketone	10-15	78-93-3												
B-13	Lock ease graphite	Aliphatic Petroleum Nap	60-85	8052-41-3	M,L	4	2	0.1		GL	365	N	A	A	N	
		Petroleum Oil	5-15													
		Colloidal Graphite	1-5													
B-14	Drax ant kil gel	Boric Acid	5%	10043-35-3	M,S	4	2	0.1		GL	365	N	A	A	N	
B-15	Automatic transmission fluid	Paraffinic Oil	85%	64742-54-7	M,L	2	1	0.2		GL	365	N	A	A	N	
		Proprietary Additive	15%													

Hazardous Material Inventory Statement- 2001

Storage System/Area: **B** - Maintenance Chemicals - Warehouse Area (con't)

(1) Location Code	(2) Common/Trade Name	(3) Chemical Name Compenents and Concentrations	%	(4) Chemical Abstract	(5) Physical	(6) Quantity on Hand				(7) Units	(8) Days on	(9) Storage Code			(10) SARA Class	(11) I W
						Max	Ave	Largest Containe	Annual Thruput			Type	Pres	Temp		
B-16	Int/ext acrylic latex 202-20/212-1	Calcium Carbonate	35%	1317-65-3	M,L	4	2	4		GL	365	N	A	A	N	
		Titanium Dioxide	15%	13463-67-7												
		Ethylene Glycol	5%	107-21-1												
B-17	Jasco speedomatic paint remov	Methylene Chloride	80%	75-09-2	M,L	2	1	1		GL	365	F	A	A	N	
		Petroleum Distillates	7%	64742-96-7												
		Methyl Alcohol	13%	67-56-1												
B-18	Flo-gote enamel undercoat pal	Mineral Spirits 350	14%	64742-88-7	M,L	2	1	0 2		GL	365	F	A	A	F	
		Xylene	2%	1330-20-7												
		Petroleum Hydrocarbon	1%	64742-89-8												
B-19	Liquid nails construction adhesiv	Petroleum Naptha	20-30	46742-89-8	M,L	2	1	0.1		GL	365	N	A	A	F	
		Calcium Carbonate	10-20	471-34-1												
		Styrene Butadiene Polym	1-5	9003-55-8												
		Kaolin (Clay)	20-30	1332-58-7												
		2-Methylpentane	5-10	107-83-5												
B-20	R22 - freon	Chlorodifluoromethane	100%	75-45-6	P,G	2	1	5		GL	365	R	GA	A	P	
B-21	Interior non flat paint 212/214	Titanium Dioxide	15-20	13463-67-7	M,L	2	1	5		GL	365	F	A	A	N	
		Aluminum Silicate	0-5	1302-76-7												
		Propylene Glycol	0-5	57-55-6												
B-22	Exterior Latex Paint 263/609	Aluminum Silicate	5-30	1302-76-7	M,L	2	1	5		GL	365	F	A	A	N	
		Titanium Dioxide	5-15	13463-87-7												
		Crystalline Silica	5-15	14484-46-1												
B-23	Interior Latex Paint 214/218	Titanium Dioxide	15%	13463-87-7	M,L	2	1	5		GL	365	F	A	A	N	
		Aluminum Silicate	0-5	1302-76-7												
		Calcium Carbonate	0-10	1317-65-3												
B-24	Solvent Interior Paint 312	Titanium Dioxide	15%	13463-87-7	M,L	2	1	5		GL	365	F	A	A	F	
		Naptha Solvent	15%	8030-30-6												
		Stoddard Solvent	10%	8052-41-3												

Hazardous Material Inventory Statement- 2001

Storage System/Area: C - Janitorial Supplies Rm 1183

(1) Location Code	(2) Common/Trade Name	(3) Chemical Name Compenents and Concentrations	%	(4) Chemical Abstract Service #	(5) Physical State	(6) Quantity on Hand				(7) Units	(8) Days on Site	(9) Storage Code			(10) SARA Class	(11) I.W.
						Max	Ave	Largest Container	Annual Thruput			Type	Pres	Temp		
C-1	Surtec FP-575	Diethylene Glycol-														
	Metal Interlock	Monoethyl Ether	6%	111-90-0	M,L	12	8	5		GL	365	E	A	A	N	
	Floor Finish	Ethylene Glycol	2%	107-21-1												
		Dibutyl Phthalate	2%	84-7-2												
C-2	Surtec Traffic	2-butoxyethanol	12%	111-76-2	M,L	2	1	5		GL	365	E	A	A	N	
	Lane Cleaner															
C-3	Surtec FS-600	Diethylene Glycol-														
	Floor Seal	Monoethyl Ether	6%	111-90-0	M,L	2	1	5		GL	365	E	A	A	N	
		Ethylene Glycol	2%	107-21-1												
		Dibutyl Phthalate	2%	84-7-2												
C-4	Surtec Super	Potassium Hydroxide	5%	1310-58-3	M,L	12	8	5		GL	365	E	A	A	I	
	Strip ST-232	2-butoxyethanol	10%	111-76-2												
		2-aminoethanol	20%	141-43-5												
C-5	Surtec Cleaner	Non-haz			M,L	2	1	5		GL	365	E	A	A	N	
	MC-100															
C-6	Surtec Stone &	Non-haz			M,L	2	1	5		GL	365	E	A	A	N	
	Masonry Sealer HS-612															
C-7	Prolink Furniture	LPG	5-10%	68476-85-7	M,L	36	30	0.2		GL	365	F	GA	A	N	
	Polish	Mineral Spirits	4-5%	64741-65-7												
		Isoparrafinnic Solvent	5-10%	64742-48-9												
		Hydimethysoloxane	2-3%	63148-62-9												
C-8	Surtec SP-407	2-butoxyethanol	3%	111-76-2	M,L	2	1	1		GL	365	N	A	A	N	
	Carpet Shampoo															
C-9	Extract-All	Sodium Hydroxide	2%	1310-73-2	M,L	2	1	1		GL	365	N	A	A	I	
	Carpet Extractor															
C-10	Oasis 255SF	Ammonium Hydroxide	1%	1336-21-6	M,L	2	1	2		GL	365	N	A	A	N	
	Glass Clean Conc	Isopropyl Alcohol	5%	67-63-0												
		Butoxyethanol	30%	111-76-2												
C-11	3M Stainless Steel	Mineral Oil	15-40%	8042-47-5	M,L	10	5	0.2		GL	365	F	GA	A	N	
	Cleaner & Polish	Isobutane	7-13%	75-28-5												
		Sorbitan Oleate	1-5%	1338-43-8												
C-12	Spin Dry-	Solvent Naptha Aliphatic	12%	64742-88-7	M,L	2	1	1		GL	365	N	A	A	N	
	Carpet Maintainer	d-Limonene, citrus terpene	6%	5989-27-5												
C-13	Ramsey-Tannin	Hydrochloric Acid	2-5%	7647-10-1	M,L	2	1	1		GL	365	N	A	A	I	
	Stain Remover	Sodium Bifluoride	0.5-1%	1333-83-1												
C-14	Clorox Bleach	Sodium Hypochloride	5%	7681-52-9	M,L	4	1	1		GL	365	N	A	A	N	

Hazardous Material Inventory Statement- 2001

Storage System/Area: D -Tech Info Services Workshop Room #282

(1) Location Code	(2) Common/Trade Name	(3) Chemical Name Compenents and Concentrations	%	(4) Chemical Abstract Service #	(5) Physical State	(6) Quantity on Hand				(7) Units	(8) Days on Site	(9) Storage Code			(10) SARA Class	(11) I W
						Max	Ave	Largest Container	Annual Throughput			Type	Pres	Temp		
D-1	Bestine Solvent & Thinner	Heptane	100%	142-82-5	P,L	2	1	1		GL	365	F	A	A	F	
D-2	WD-40 Spray Lube	Petroleum Distillates	50%	8052-41-3	M,L	2	1	0.1		GL	365	F	GA	A	N	
		Petroleum Base Oil	15%	64742-88-7												
D-3	Sprayway Formula 40 Glass Cleaner	Butoxyethanol	4%	111-76-2	M,L	6	5	0.1		GL	365	F				
		Ethyl Alcohol	10-20%	64-17-5												
D-4	3M Desk and Off-ice Cleaner 573	Isopropyl Alcohol	3.8-4.1%	67-63-0	M,L	2	1	0.1		GL	365	F	GA	A	F,P	
		Ethoxylated Fatty Acids	1.8-2.2%	61791-00-2												
		Isobutane Propellant	1.2-7.3%	75-28-5												
D-5	3M Spray Mount Adhesive	Isobutane		75-28-5	M,L	4	2	0.1		GL	365	F	A	A	F	
		Pentane		109-66-0												
		Heptane		142-82-5												
		Propane		74-98-6												
		Acetone		67-64-1												

Hazardous Material Inventory Statement- 2001

Storage System/Area: E - SBD - Plotter Room #355

(1) Location Code	(2) Common/Trade Name	(3) Chemical Name Compenents and Concentrations	%	(4) Chemical Abstract Service #	(5) Physical State	(6) Quantity on Hand				(7) Units	(8) Days on Site	(9) Storage Code			(10) SARA Class	(11) I.W.
						Max	Ave	Largest Container	Annual Thruput			Type	Pres	Temp		
E-1	Versatec Color Toner-Premix Replenisher	Isoparaffinnic Hydro-carbon Solvent	98%	64742-48-9	M,L	60	48	0.25		GL	365	N	A	A	N	
E-2	Versatec Color Premix	Isoparaffinnic Hydro-carbon Solvent	98%	64742-48-9	M,L	60	48	0.25		GL	365	N	A	A	N	
E-3	Versatec Clear Dispersant	Isoparaffinnic Hydro-carbon Solvent	98%	64742-48-9	M,L	60	48	0.25		GL	365	N	A	A	N	

Hazardous Material Inventory Statement- 2001

Storage System/Area: F - USRL Computer Room #347

(1) Location Code	(2) Common/Trade Name	(3) Chemical Name Compenents and Concentrations	%	(4) Chemical Abstract Service #	(5) Physical State	(6) Quantity on Hand				(7) Units	(8) Days on Site	(9) Storage Code			(10) SARA Class	(11) I.W.
						Max	Ave	Largest Container	Annual Thruput			Type	Pres	Temp		
F-1	Versatec Color Toner-Premix	Isoparaffinnic Hydro-carbon Solvent	98%	64742-48-9	M,L	100	48	0.25		GL	365	N	A	A	N	

Hazardous Material Inventory Statement- 2001

Storage System/Area: G - BPC-SOTS-Engr Cabinet 2-C3

(1) Location Code	(2) Common/Trade Name	(3) Chemical Name Compenents and Concentrations	%	(4) Chemical Abstract Service #	(5) Physical State	(6) Quantity on Hand				(7) Units	(8) Days on Site	(9) Storage Code			(10) SARA Class	(11) I.W.
						Max	Ave	Largest Container	Annual Thruput			Type	Pres	Temp		
G-1	Volu-Sol	Ethanol	70-98%	64-17-5	M,L	2	1	0.25		GL	365	N	A	A	F	
G-2	3 Bond Adhesive 1401B	Vinyl Acetate	30-35%		M,L	2	1	0.1		GL	365	F	A	A	F	
		Methyl Alcohol	65-70%	67-56-1												
		Toluene	0-5%													
G-3	Tech Spray	1,1,2 tetrafluoroethane	100%	811-97-2	L	4	2	0.1		GL	365	F	GA	A	N	
	Duster 1671															
G-4	3M Desk & Office Cleaner 573	Isobutane	1-7%	75-28-5	M,L	2	1	0.1		GL	365	F	GA	A	F	
		Isopropyl Alcohol	4%	67-63-0												
G-5	Goo-Gone	Petroleum Distillates			M,L	2	1	0.1		GL	365	N	A	A	N	
G-6	TexsolveTX-35 Adhesive	Solvent Naptha	98%	67742-47-8	M,L	2	1	0.1		GL	365	N	A	A	N	
		Isopropylamine Dodecyl Benzene Sulfonate	1%	26264-05-1												
G-7	Sony Grease	Poly alpha olefin	58-63%	68037-01-4	M,S	2	1	0.1		LB	365	R	A	A	N	
	SGL-505	Refined mineral oil	24-28%	64741-94-4												
G-8	Isopropyl Alcohol	Isopropyl Alcohol	100%	67-63-0	L	4	2	1		GL	365	N	A	A	F	
G-9	Freeze It 2000	1,1,2 tetrafluoroethane	100%	811-97-2	L	4	2	0.2		GL	365	F	GA	A	N	
G-10	Enviro Tech Spray 1676	Dichlorofluoroethane	92%	1717-00-6	M,L	2	1	0.1		GL	365	N	GA	A	N	
		Methanol	6%	67-56-1												
G-11	Flux Cleaner/remover	Methylene chloride	82%	75-09-2	2	1	0.2	0.2		GL	365	N	GA	A	N	

Hazardous Material Inventory Statement- 2001

Storage System/Area: H - Cafeteria/Kitchen

(1) Location Code	(2) Common/Trade Name	(3) Chemical Name Compenents and Concentrations	%	(4) Chemical Abstract Service #	(5) Physical State	(6) Quantity on Hand				(7) Units	(8) Days on Site	(9) Storage Code			(10) SARA Class	(11) I.W.
						Max	Ave	Largest Container	Annual Thruput			Type	Pres	Temp		
H-1	Ecolab Ster-Bac Blu	Alkyldimethylbenzyl Ammonium Chlorides	10%	68424-85-1	M,L	8	4	1		GL	365	N	A	A	N	
H-2	Serco Stainless Steel Polish & Cleaner	Mineral Spirits		64741-65-7	M,L	8	6	0.1		GL	365	F	GA	A	F	
		Isoparaffinnic Solvent		64741-66-8												
		1-methyl-2-pyrrolidinone		872-50-4												
		Liquid Petroleum Gas		68476-85-7												
H-3	Ecolab Grease-strip Plus	Sodium Hydroxide	7%	1310-73-2	M,L	2	1	1		GL	365	N	A	A	I	
		Ethanolamine	3%	141-43-5												
H-4	Ecolab Ecoshine	Linear Alcohol Ethoxylate	25%	68131-39-5	M,L	12	8	0.25								
	Water Based Polish	Mineral Oil	10%	8042-47-5												
H-5	Ecolab-Solitaire Hand Detergent	Sodium dodecylbenzene sulfonate	40%	25155-30-0	M,L	8	4	0.5		GL	365	N	A	A	N	
		Sodium lauryl ether sulfonate	12%	9004-82-4												
H-6	Sterno Canned Heat	Ethanol	65-71%	64-17-5	M,L	60	50	0.1		GL	365	F	A	A	F	
		Methanol	3%	67-56-1												
		Acetone	2%	67-64-1												
H-7	Serco Bleach	Sodium Hypochlorite	6%	7681-52-9	M,L	12	8	1		GL	365	N	A	A	N	
H-8	Ecolab Grease-cutter Extra	Sodium Hydroxide	3%	1310-73-2	M,L	8	5	1		GL	365	N	A	A	I	
		Ethanolamine	3%	141-43-5												
H-9	Oasis Glass Cleaner Concentrate 255SF	Butoxyethanol	30%	111-76-2	M,L	4	2	5		GL	365	N	A	A	I	
		2-propanol	5%	67-63-0												
		Ammonium Hydroxide	1%	1336-21-6												
H-10	Ecolab Lime Away	Phosphoric Acid	30%	7664-38-2	M,L	8	4	1		GL	365	N	A	A	I	
H-11	Ecolab Solid Power-Auto Det	Sodium Hydroxide	50%	1310-73-2	M,L	18	12	0.5		GL	365	N	A	A	I	
H-12	Ecolab Silver Power	Sodium Carbonate	22%	497-19-8	M,L	8	4	0.5		GL	365	N	A	A	N	
H-13	Ecolab Jet Dry	Non-haz			M,L	4	2	5		GL	365	N	A	A	N	
H-14	Iwatani Fuel	Butane	25%		M,L	20	16	0.1		GL	365	F	GA	A	F	
		Isobutane	75%													
H-15	Oasis 133 All Purpose Cleaner	Monoethanolamine	10%	2272-11-9	M,L					GL	365	N	A	A	N	
		Ethanolamine	5%	141-43-5												

Hazardous Material Inventory Statement- 2001

Storage System/Area: I - Emergency Generator-Diesel Fuel Tank

(1) Location Code	(2) Common/Trade Name	(3) Chemical Name Compenents and Concentrations	%	(4) Chemical Abstract Service #	(5) Physical State	(6) Quantity on Hand				(7) Units	(8) Days on Site	(9) Storage Code			(10) SARA Class	(11) I.W.
						Max	Ave	Largest Container	Annual Thruput			Type	Pres	Temp		
I-1	Diesel Fuel	Diesel Fuel	100%	68334-30-5	P,L	150	100	150		GL	365	A	A	A	F	

Hazardous Material Inventory Statement- 2001

Storage System/Area: J -Fire Pump Room-Diesel Fuel Tank

(1) Location Code	(2) Common/Trade Name	(3) Chemical Name Compenents and Concentrations	%	(4) Chemical Abstract Service #	(5) Physical State	(6) Quantity on Hand				(7) Units	(8) Days on Site	(9) Storage Code			(10) SARA Class	(11) I.W.
						Max	Ave	Largest Container	Annual Thruput			Type	Pres	Temp		
J-1	Diesel Fuel	Diesel Fuel	100%	68334-30-5	P,L	250	200	250		GL	365	A	A	A	F	

P-5043 &
I-5175

HAZARDOUS MATERIALS BUSINESS PLAN CERTIFICATION FORM

For Use by Unidocs Member Agencies or where approved by your Local Jurisdiction
Authority Cited: H&SC, 25503.3(c)

To: San Jose Fire Department Hazardous Materials Program
4 North Second Street, #1100
San Jose, CA 95113-1305

Pursuant to Section 25503.3(c) of California Health and Safety Code (H&SC), the Hazardous Materials Business Plan (HMBP) certification described below is hereby submitted for the following facility:

Facility Name: ThermoQuest Corporation
Facility Street Address: 355 River Oaks Parkway
San Jose, CA 95134
Date of Current HMBP: 04/17/2000

I certify that: *(Check the appropriate box.)*

☐ I have personally reviewed the Hazardous Materials Business Plan currently on file with your agency and certify that the HMBP is complete and accurate. *(See bottom of page for details.)* **or**

☒ Revisions to the Hazardous Materials Business Plan are necessary. The HMBP as revised is being implemented. A copy of the revisions is enclosed with this Certification.

OWNER/OPERATOR CERTIFICATION: I hereby certify under penalty of law that, based upon my inquiry of those individuals responsible for obtaining the information reported above, I believe that the submitted information is true, accurate, and complete. I understand that a revised HMBP must be submitted within 30 days of any change in this facility's storage or handling of hazardous materials which would require updating of the HMBP.

Name of Owner/Operator *(Print)*: Ian Jardine Title: President LC/MS Division

Signature of Owner/Operator: Ian Jardine Date: 5 / 3 / 00

By checking the upper box on this form, you are certifying that:

- The information contained in the HMBP most recently submitted is complete, accurate, and up-to-date; **and**
- There has been no change in the quantity of any hazardous material as reported in the most recently submitted Hazardous Materials Inventory forms; **and**
- The facility has not begun handling any hazardous material in a HMBP reportable quantity which is not currently listed in the Hazardous Materials Inventory; **and**
- The HMBP most recently submitted HMBP contains the information required by Section 11022 of Title 42 of the United States Code; **and**
- There have been no substantial changes in the facility's hazardous materials operations which would require revision of the current HMBP.

PC 00-07548

Not Field verified
M. Randolph
6/27/01

HAZARDOUS MATERIALS BUSINESS PLAN

Section A - General Information

For Use by All Jurisdictions Within the County of Santa Clara

1. Facility Information: *(Note: Print or type all information. Instructions are located on the other side of this page.)*

Business Name: **ThermoQuest Corporation** Business Phone: **(408) 965-6800**

Site Address: **355 River Oaks Parkway**

City: **San Jose** State: **CA** Zip: **95134**

Dunn & Bradstreet No.: **94-549-2296** Primary SIC Code *(4 digit)*: **3826**

Operator Name: **Ian Jardine** Operator Phone: **(408) 965-6800**

2. Owner Information:

Owner Name: **Thermo Instrument Systems** Owner Phone: **(817) 685-2171**

Owner Mailing Address: **P.O. Box 2108**
If different from site address

City: **Santa Fe** State: **NM** Zip: **87504-2108**

3. Environmental Contact:

Contact Name: ~~**Bill Maxfield**~~ Mark Gardner Contact Phone: **(408) 965-6230** ext. **NA**

Contact Mailing Address:
If different from site address

City: State: Zip:

4. Emergency Contacts:

Primary Emergency Coordinator	Secondary Emergency Coordinator
Name: ~~**Bill Maxfield**~~ Mark Gardner	Name: **Nick Chavez**
Title: **EHS Engineer**	Title: **Facilities Manager**
Business Phone: **(408) 965-6230** ext. **NA**	Business Phone: **(408) 965-6366** ext. **NA**
24 Hour Phone: **(408) 965-6800**	24 Hour Phone: **(408) 965-6800**
Pager No.: **(408) 652-1702**	Pager No.: **(408) 553-8348**

☐ *(Check box only if applicable)* Additional Emergency Coordinators are listed on page of this HMBP.

5. California Accidental Release Prevention (CalARP) Program:

Are CalARP-Regulated Substances Present On-Site? ☐ Yes; ☒ No *(Note: See instructions on reverse side of this page.)*

6. Additional Required Information:

EPA ID No.: **CAR000003368** Principal Type of Business: **Manufacturing**

Billing Address: **same**
If different from owner mailing address

City: State: Zip:

Industrial Waste Discharge Contact: **NA** Phone No.: ( ) ext:

Property Owner: **Finnigan Corporation** Phone No.: **(408) 965-6800**

Facility Hours of Operation: **M-F 6 am - 6 pm** No. of Employees Per Shift: Day: **275**; Swing ; Grave

7. OWNER/OPERATOR CERTIFICATION: Based upon my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted in this Hazardous Materials Business Plan and believe the information is true, accurate, and complete

Name of HMBP Document Preparer *(Print)*: **Bill Maxfield** Title: **EHS Engineer**

Signature of Owner/Operator: Ian Jardine Date: 5/3/00

UN-020E - 1/9

Rev. 03/16/98

Non-Waste Hazardous Materials Inventory Statement

For Use by All Jurisdictions Within the County of Santa Clara

Site Address **355 River Oaks Parkway San Jose, CA 95134** Date: **4/17/00**

1. Hazard Class	2. LC	3. Common/Trade Name	4. Chemical Name Components & Concentration	5. Chemical Abstract Service No.	6. Physical State	7. Quantity Stored Max.	Average	Lgst. Cont.	8. Units	9. Days On Site	10. Storage Codes Cont. Type(s)	Pressure	Temp.	11. SARA Hazard Class(es)	12. RW
2.2	A,C,D,E,H,J,M,N,R	**Helium, compressed**	☒ Same as Column 3.	7440-59-7	☒ pure ☐ mixture ☐ solid ☐ liquid ☒ gas	28480	25600	320	☐ gal. ☐ lbs ☒ cu. ft. ☐ µ cur.	365	L	☐ amb. ☒ > amb ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☒ pressure ☐ reactive ☐ immediate ☐ delayed	☐
2.2	A	**Air, compressed**	☒ Same as Column 3.	NA	☐ pure ☐ mixture ☐ solid ☐ liquid ☒ gas	1600	1280	320	☐ gal. ☐ lbs ☒ cu. ft. ☐ µ cur.	365	L	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☒ pressure ☐ reactive ☐ immediate ☐ delayed	☐
2.2	C,D,E,H,J,M,N,R	**Nitrogen, compressed**	☒ Same as Column 3.	7727-37-9	☒ pure ☐ mixture ☐ solid ☐ liquid ☒ gas	4800	3200	320	☐ gal. ☐ lbs. ☒ cu. ft. ☐ µ cur.	365	L	☐ amb. ☒ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☒ pressure ☐ reactive ☐ immediate ☐ delayed	☐
2.2	J,L,M,N,O,R	**Nitrogen, refrigerated liquid**	☒ Same as Column 3.	7727-37-9	☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	1440	1200	60	☒ gal. ☐ lbs. ☐ cu. ft. ☐ µ cur.	365	L	☐ amb. ☒ > amb. ☐ < amb.	☐ amb. ☐ > amb ☐ < amb. ☒ cryo.	☐ fire ☒ pressure ☐ reactive ☐ immediate ☐ delayed	☐
2.1	H,J,L,N,R	**Methane, compressed**	☒ Same as Column 3	74-82-8	☒ pure ☐ mixture ☐ solid ☐ liquid ☒ gas	3840	3200	320	☐ gal ☐ lbs. ☒ cu. ft. ☐ µ cur.	365	L	☐ amb. ☒ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☒ pressure ☐ reactive ☐ immediate ☐ delayed	☐
2.2	H,J,M,N,R	**Argon, compressed**	☒ Same as Column 3.	7440-37-1	☒ pure ☐ mixture ☐ solid ☐ liquid ☒ gas	4800	3200	320	☐ gal ☐ lbs. ☒ cu. ft. ☐ µ cur.	365	L	☐ amb. ☒ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☒ pressure ☐ reactive ☐ immediate ☐ delayed	☐
	I	**Asahiklin - 225**	☒ Same as Column 3 **3,3-dichloro-1,1,1,2,3-pentafluoropropane 1,3-dichloro-1,1,2,2,3-pentafluoropropane**	422-56-0 507-55-1	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	165	110	55	☒ gal. ☐ lbs. ☐ cu. ft. ☐ µ cur.	365	L	☒ amb. ☐ > amb. ☐ < amb.	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ pressure ☐ reactive ☐ immediate ☐ delayed	☐
3	A,C,D,E,I,L,M,N	**Methanol**	☒ Same as Column 3	67-56-1	☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	130	90	1	☒ gal ☐ lbs. ☐ cu. ft ☐ µ cur.	365	L	☒ amb. ☐ > amb ☐ < amb	☒ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☒ fire ☐ pressure ☐ reactive ☐ immediate ☐ delayed	☐

Non-Waste Hazardous Materials Inventory Statement

For Use By All Jurisdictions Within the County of Santa Clara

Site Address: **355 River Oaks Parkway San Jose, CA 95134** Date: **4/17/00**

1. Hazard Class	2. LC	3. Common/Trade Name	4. Chemical Name Components & Concentration	5. Chemical Abstract Service No.	6. Physical State	7. Quantity Stored Max.	Average	Lgst. Cont.	8. Units	9. Days On Site	10. Storage Codes Cont. Type(s)	Pressure	Temp.	11. SARA Hazard Class(es)	12. HW
3	A,C,D,I,L,M,N,O	Various flammable liquids	☐ Same as Column 3. Acetonitrile, Acetone, Cyclohexane, Reagent alcohol	75-05-8 67-64-1 110-82-7	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	200	120	1	☒ gal. ☐ lbs. ☐ cu. ft ☐ µ cur	365	M	☒ amb. ☐ > amb. ☐ < amb	☒ amb. ☐ > amb. ☐ < amb ☐ cryo	☒ fire ☐ pressure ☐ reactive ☐ immediate ☐ delayed	☐
			☐ Same as Column 3.		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas				☐ gal. ☐ lbs. ☐ cu. ft ☐ µ cur.			☐ amb. ☐ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ pressure ☐ reactive ☐ immediate ☐ delayed	☐
			☒ Same as Column 3		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas				☐ gal. ☐ lbs ☐ cu. ft. ☐ µ cur.			☐ amb. ☐ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb ☐ cryo.	☐ fire ☐ pressure ☐ reactive ☐ immediate ☐ delayed	☐
			☒ Same as Column 3		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas				☐ gal. ☐ lbs. ☐ cu. ft. ☐ µ cur			☐ amb. ☐ > amb. ☐ < amb.	☐ amb ☐ > amb. ☐ < amb ☐ cryo.	☐ fire ☐ pressure ☐ reactive ☐ immediate ☐ delayed	☐
			☒ Same as Column 3.		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas				☐ gal. ☐ lbs. ☐ cu. ft. ☐ µ cur.			☐ amb. ☐ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ pressure ☐ reactive ☐ immediate ☐ delayed	☐
			☒ Same as Column 3.		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas				☐ gal. ☐ lbs. ☐ cu. ft. ☐ µ cur.			☐ amb. ☐ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ pressure ☐ reactive ☐ immediate ☐ delayed	☐
			☒ Same as Column 3.		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas				☐ gal ☐ lbs ☐ cu. ft. ☐ µ cur.			☐ amb. ☐ > amb ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ pressure ☐ reactive ☐ immediate ☐ delayed	☐
			☒ Same as Column 3.		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas				☐ gal. ☐ lbs. ☐ cu. ft. ☐ µ cur.			☐ amb. ☐ > amb. ☐ < amb.	☐ amb. ☐ > amb. ☐ < amb. ☐ cryo.	☐ fire ☐ pressure ☐ reactive ☐ immediate ☐ delayed	☐

Inventory for Building Occupancy Classification

Plan Check No.: _____ Proposed Occupancy Classification: F1 Signature of Preparer: M. [signature] Date: 1/11/01

Control Area No.: W2 Is this area protected by a fire sprinkler system? ☐ Yes, ☐ No.

1. Room No.	2. Chemical Name & Concentration (Not Trade Name)	3. UBC Class* Physical	Health	4. Quantity Stored	5. Quantity in Use* Open	Closed	6. Stored in Approved Cabinet
	Ethanol	Fl. 3		2 ☑ gal. ☐ lbs. ☐ ft.³	1 pt* ☐ gal. ☐ lbs. ☐ ft.³	☐ gal. ☐ lbs. ☐ ft.³	☑ Yes ☐ No
	Isopropyl Alcohol	Fl. 3		1 ☑ gal. ☐ lbs. ☐ ft.³	1 pt* ☐ gal. ☐ lbs. ☐ ft.³	☐ gal. ☐ lbs. ☐ ft.³	☑ Yes ☐ No
	Isoamyl Alcohol	Comb. 2		1 ☑ gal. ☐ lbs. ☐ ft.³	1 pt* ☐ gal. ☐ lbs. ☐ ft.³	☐ gal. ☐ lbs. ☐ ft.³	☑ Yes ☐ No
	Acetone	Fl 3		1 ☑ gal. ☐ lbs. ☐ ft.³	1 pt* ☐ gal. ☐ lbs. ☐ ft.³	☐ gal. ☐ lbs. ☐ ft.³	☑ Yes ☐ No
	Methanol	Fl 3		1/2 ☑ gal. ☐ lbs. ☐ ft.³	1 pt* ☐ gal. ☐ lbs. ☐ ft.³	☐ gal. ☐ lbs. ☐ ft.³	☑ Yes ☐ No
	Phenol	Comb. 3	Toxic	1/2 ☑ gal. ☐ lbs. ☐ ft.³	1 pt* ☐ gal. ☐ lbs. ☐ ft.³	☐ gal. ☐ lbs. ☐ ft.³	☑ Yes ☐ No
	Hydrochloric Acid		Corr	1 ☑ gal. ☐ lbs. ☐ ft.³	1 pt* ☑ gal. ☐ lbs. ☐ ft.³	☐ gal. ☐ lbs. ☐ ft.³	☑ Yes ☐ No
	Phosphoric Acid		Corr	1 ☑ gal. ☐ lbs. ☐ ft.³	1 pt* ☐ gal. ☐ lbs. ☐ ft.³	☐ gal. ☐ lbs. ☐ ft.³	☑ Yes ☐ No
	Chloroform		Toxic	1/2 ☑ gal. ☐ lbs. ☐ ft.³	1 pt* ☐ gal. ☐ lbs. ☐ ft.³	☐ gal. ☐ lbs. ☐ ft.³	☑ Yes ☐ No
	Acetonitrile	Fl 3		2 ☑ gal. ☐ lbs. ☐ ft.³	1/2* ☑ gal. ☐ lbs. ☐ ft.³	☐ gal. ☐ lbs. ☐ ft.³	☑ Yes ☐ No
	Liquid Nitrogen		Toxic	50 ☑ gal. ☐ lbs. ☐ ft.³	☐ gal. ☐ lbs. ☐ ft.³	☐ gal. ☐ lbs. ☐ ft.³	☐ Yes ☐ No

*Please see the instructions on the reverse side of this page for a list of UBC hazard classes and definitions of open use and closed use.

* 1 pint or so at a time on bench

2/5/01

UFS-025-HO

Rev. 05/24/94

Hazardous Waste Inventory Statement

(Hazardous Waste Generator Permit Application/Amendment)

For Use by All Jurisdictions Within the County of Santa Clara

Site Address. **355 River Oaks Parkway, San Jose, CA 95134** EPA ID No. **CAR000003368** Date: **4/17/00**

1. Hazard Class	2. LC	3. Waste Stream Name, Components & Concentration	4. Treatment/ Disposal Method(s)	5. California Waste Code	6. Physical State	7. Annual Quantity Generated	8. Quantity Stored Max.	Average	Lgst. Cont.	9. Units	10. Days On Site	11. Storage Codes Cont. Type(s)	Pressure	Temp.	12. SARA Hazard Class(es)
3	Z	**Waste Flammable Liquids (95% methanol/5% water)**	☐ Recycled on-site. ☐ Treated on-site ☒ Shipped off-site for recycling/ treatment/ disposal	212	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	330	110	55	55	☒ gal. ☐ lbs. ☐ cu. ft. ☐ µ cur.	365	D	☒ amb ☐ >amb. ☐ <amb.	☒ amb. ☐ >amb. ☐ <amb. ☐ cryo.	☒ fire ☐ pressure ☐ reactive ☐ immediate ☐ delayed
3	Z	**Waste Flammable Liquids (50% methanol/25% acetonitrile/25% water)**	☐ Recycled on-site ☐ Treated on-site. ☒ Shipped off-site for recycling/ treatment/ disposal	214	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	330	110	55	55	☒ gal ☐ lbs. ☐ cu ft. ☐ µ cur.	365	D	☒ amb. ☐ >amb ☐ <amb.	☒ amb. ☐ >amb. ☐ <amb. ☐ cryo	☒ fire ☐ pressure ☐ reactive ☐ immediate ☐ delayed
3	Z	**Waste Oil**	☐ Recycled on-site ☐ Treated on-site. ☒ Shipped off-site for recycling/ treatment/ disposal	221	☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	220	110	55	55	☒ gal. ☐ lbs ☐ cu. ft. ☐ µ cur.	365	D	☒ amb. ☐ >amb. ☐ <amb.	☒ amb. ☐ >amb. ☐ <amb. ☐ cryo.	☒ fire ☐ pressure ☐ reactive ☐ immediate ☐ delayed
2.2	F	**Waste aerosols**	☐ Recycled on-site. ☐ Treated on-site. ☒ Shipped off-site for recycling/ treatment/ disposal	741	☒ pure ☐ mixture ☐ solid ☐ liquid ☒ gas	55	55	30	55	☒ gal. ☐ lbs. ☐ cu. ft. ☐ µ cur	365	D	☐ amb. ☒ >amb. ☐ <amb	☒ amb. ☐ >amb. ☐ <amb. ☐ cryo.	☐ fire ☒ pressure ☐ reactive ☐ immediate ☐ delayed
3	Z	**Waste sample vials**	☐ Recycled on-site. ☐ Treated on-site. ☒ Shipped off-site for recycling/ treatment/ disposal	551	☐ pure ☒ mixture ☒ solid ☒ liquid ☐ gas	60	30	15	30	☒ gal. ☐ lbs. ☐ cu. ft. ☐ µ cur	365	E	☒ amb. ☐ >amb. ☐ <amb.	☒ amb. ☐ >amb. ☐ <amb. ☐ cryo.	☒ fire ☐ pressure ☐ reactive ☐ immediate ☐ delayed
3	Z	**Waste Flammable Liquids (65% methanol, 25% ethanol, 10% cyclohexane)**	☐ Recycled on-site. ☐ Treated on-site. ☒ Shipped off-site for recycling/ treatment/ disposal	212	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	220	110	55	55	☒ gal. ☐ lbs. ☐ cu. ft. ☐ µ cur.	365	D	☒ amb. ☐ >amb. ☐ <amb.	☒ amb. ☐ >amb. ☐ <amb. ☐ cryo.	☒ fire ☐ pressure ☐ reactive ☐ immediate ☐ delayed
3	A,C ,I,L ,N	**Waste Flammable Liquids (50% methanol/25% acetonitrile/25% water) Satellite locations**	☐ Recycled on-site. ☐ Treated on-site. ☒ Shipped off-site for recycling/ treatment/ disposal	214	☐ pure ☒ mixture ☐ solid ☒ liquid ☐ gas	330	50	25	5	☒ gal. ☐ lbs. ☐ cu. ft. ☐ µ cur.	365	E	☒ amb. ☐ >amb. ☐ <amb.	☒ amb. ☐ >amb. ☐ <amb. ☐ cryo.	☒ fire ☐ pressure ☐ reactive ☐ immediate ☐ delayed
3	I, J	**Waste Oil Satellite locations**	☐ Recycled on-site. ☐ Treated on-site. ☒ Shipped off-site for recycling/ treatment/ disposal	221	☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	330	15	10	5	☒ gal ☐ lbs. ☐ cu. ft. ☐ µ cur.	365	E	☒ amb. ☐ >amb. ☐ <amb.	☒ amb. ☐ >amb. ☐ <amb. ☐ cryo.	☒ fire ☐ pressure ☐ reactive ☐ immediate ☐ delayed

Hazardous Waste Inventory Statement

(Hazardous Waste Generator Permit Application/Amendment)

For Use By All Jurisdictions Within the County of Santa Clara

Site Address: **355 River Oaks Parkway San Jose, CA 95134** EPA ID No.: **CAR000003368** Date: **4/17/00**

1. Hazard Class	2. I.C	3. Waste Stream Name, Components & Concentration	4. Treatment/ Disposal Method(s)	5. California Waste Code	6. Physical State	7. Annual Quantity Generated	8. Quantity Stored Max.	Average	Lgst. Cont.	9. Units	10. Days On Site	11. Storage Codes Cont. Type(s)	Pressure	Temp.	12. SARA Hazard Class(es)
3	A, E, J, L, N	**Waste sample vials Satellite locations**	☐ Recycled on-site. ☐ Treated on-site. ☒ Shipped off-site for recycling/ treatment/ disposal	551	☒ pure ☐ mixture ☒ solid ☒ liquid ☐ gas	60	30	10	5	☒ gal ☐ lbs ☐ cu. ft. ☐ μ ...	365	E	☒ amb ☐ >amb. ☐ <amb	☒ amb. ☐ >amb. ☐ <amb. ☐ cryo	☒ fire ☐ pressure ☐ reactive ☐ immediate ☐ delayed
3	D, E	**Waste Flammable Liquids (95% methanol, 5% water) Satellite Locations**	☐ Recycled on-site ☐ Treated on-site. ☒ Shipped off-site for recycling/ treatment/ disposal	212	☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	330	50	25	5	☒ gal. ☐ lbs. ☐ cu. ft ☐ μ cur	365	E	☒ amb. ☐ >amb. ☐ <amb.	☒ amb ☐ >amb. ☐ <amb. ☐ cryo.	☒ fire ☐ pressure ☐ reactive ☐ immediate ☐ delayed
3	D	**Waste Flammable Liquids (65% methanol, 25% ethanol, 10% cyclohexane) Satellite Containers**	☐ Recycled on-site. ☐ Treated on-site. ☒ Shipped off-site for recycling/ treatment/ disposal	214	☒ pure ☐ mixture ☐ solid ☒ liquid ☐ gas	330	30	15	5	☒ gal. ☐ lbs. ☐ cu. ft. ☐ μ cur.	365	E	☒ amb. ☐ >amb. ☐ <amb.	☒ amb. ☐ >amb. ☐ <amb. ☐ cryo.	☒ fire ☐ pressure ☐ reactive ☐ immediate ☐ delayed
			☐ Recycled on-site. ☐ Treated on-site. ☐ Shipped off-site for recycling/ treatment/ disposal		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas					☐ gal ☐ lbs. ☐ cu. ft. ☐ μ cur.			☐ amb. ☐ >amb. ☐ <amb.	☐ amb. ☐ >amb. ☐ <amb. ☐ cryo.	☐ fire ☐ pressure ☐ reactive ☐ immediate ☐ delayed
			☐ Recycled on-site. ☐ Treated on-site. ☐ Shipped off-site for recycling/ treatment/ disposal		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas					☐ gal. ☐ lbs. ☐ cu. ft. ☐ μ cur.			☐ amb. ☐ >amb. ☐ <amb.	☐ amb. ☐ >amb. ☐ <amb. ☐ cryo.	☐ fire ☐ pressure ☐ reactive ☐ immediate ☐ delayed
			☐ Recycled on-site ☐ Treated on-site. ☐ Shipped off-site for recycling/ treatment/ disposal		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas					☐ gal ☐ lbs. ☐ cu. ft. ☐ μ cur.			☐ amb. ☐ >amb. ☐ <amb.	☐ amb. ☐ >amb. ☐ <amb. ☐ cryo.	☐ fire ☐ pressure ☐ reactive ☐ immediate ☐ delayed
			☐ Recycled on-site. ☐ Treated on-site. ☐ Shipped off-site for recycling/ treatment/ disposal		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas					☐ gal ☐ lbs ☐ cu. ft. ☐ μ cur.			☐ amb ☐ >amb. ☐ <amb.	☐ amb. ☐ >amb. ☐ <amb. ☐ cryo.	☐ fire ☐ pressure ☐ reactive ☐ immediate ☐ delayed
			☐ Recycled on-site. ☐ Treated on-site. ☐ Shipped off-site for recycling/ treatment/ disposal		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas					☐ gal. ☐ lbs. ☐ cu. ft. ☐ μ cur.			☐ amb. ☐ >amb. ☐ <amb.	☐ amb. ☐ >amb. ☐ <amb. ☐ cryo.	☐ fire ☐ pressure ☐ reactive ☐ immediate ☐ delayed

Emergency Response/Contingency Plan

(Hazardous Materials Business Plan Module)

Authority Cited: H&SC, Section 25504(b); Title 22, Div. 4.5, Ch. 12, Art. 3 CCR

All facilities which handle hazardous materials in specified quantities must have a written emergency response plan. In addition, facilities which generate 1,000 kilograms or more of hazardous waste per month, or accumulate more than 6,000 kilograms of hazardous waste on-site at any one time, must prepare a contingency plan. Because the requirements are similar, they have been combined in a single document, provided below, for your convenience. This plan is a required module of the Hazardous Materials Business Plan (HMBP). If you already have a plan which meets these requirements, you should not complete the blank plan, below, but you must include a copy of your existing plan as part of your HMBP.

This site-specific Emergency Response/Contingency Plan is the facility's plan for dealing with emergencies and shall be implemented immediately whenever there is a fire, explosion, or release of hazardous materials which could threaten human health and/or the environment. **At least one copy of the plan shall be maintained at the facility for use in the event of an emergency and for inspection by the local agency.** Within Santa Clara County, hospitals and police agencies have delegated receipt of these plans to the local agencies administering Hazardous Materials Business Plans, so additional copies need not be submitted. However, a copy of the plan and any revisions must be provided to any contractor, hospital, or agency with whom special (i.e. contractual) emergency services arrangements have been made *(see section 3, below)*.

1. **Evacuation Plan:**

   a. The following alarm signal(s) will be used to begin evacuation of the facility *(check all which apply)*:

   ☐ Bells; ☒ Horns/Sirens; ☐ Verbal *(i.e. shouting)*; ☐ Other *(specify)*

   b. ☒ Evacuation map is prominently displayed throughout the facility.

Note: A properly completed HMBP Site Plan satisfies contingency plan map requirements. This drawing (or any other drawing which shows primary and alternate evacuation routes, emergency exits, and primary and alternate staging areas) must be prominently posted throughout the facility in locations where it will be visible to employees and visitors.

2. a. **Emergency Contacts*:**

Fire/Police/Ambulance	Phone No. **911**
State Office of Emergency Services	Phone No. **(800) 852-7550**

   b. **Post-Incident Contacts*:**

Fire Department Hazardous Materials Program	Phone No.: **(408) 277-4659**
Santa Clara County Hazardous Materials Compliance Division	Phone No. **(408) 299-6930**
California EPA Department of Toxic Substances Control	Phone No. **(510) 540-3739**
Cal-OSHA Division of Occupational Safety and Health	Phone No. **(415) 557-1677**
Bay Area Air Quality Management District	Phone No. **(415) 771-6000**
Regional Water Quality Control Board	Phone No. **(510) 286-1255**

** These telephone numbers are provided as a general aid to emergency notification. Be advised that additional agencies may be required to be notified.*

   c. **Emergency Resources:**

Poison Control Center	Phone No. **(800) 876-4766**
Nearest Hospital: Name: **O'Conner Hospital**	Phone No.: **(408) 947-2500**
Address: **2105 Forest Ave**	City: **San Jose**

3. **Arrangements With Emergency Responders:**

If you have made special (i.e. contractual) arrangements with any police department, fire department, hospital, contractor, or State or local emergency response team to coordinate emergency services, describe those arrangements below:

ThermoQuest has a trained Emergency Response Team on site and is capable of responding to incidents at this facility.

6. Emergency Equipment:

22 CCR, Section 66265.52(e) [as referenced by Section 66262.34(a)(3)] and the Hazardous Materials Storage Ordinance require that emergency equipment at the facility be listed. Completion of the following Emergency Equipment Inventory Table meets this requirement.

EMERGENCY EQUIPMENT INVENTORY TABLE

1. Equipment Category	2. Equipment Type	3. Locations*	4. Description**
Personal Protective, Equipment, Safety Equipment, and First Aid Equipment	☐ Cartridge Respirators		
	☒ Chemical Monitoring Equipment *(describe)*	ERT Cart	Chemical detector tubes and pH paper
	☒ Chemical Protective Aprons/Coats	ERT Cart	
	☒ Chemical Protective Boots	ERT Cart	
	☒ Chemical Protective Gloves	ERT Cart	
	☒ Chemical Protective Suits *(describe)*	ERT Cart	Level A, B, C suits
	☒ Face Shields	ERT Cart	
	☒ First Aid Kits/Stations *(describe)*	ERT Cart	Basic kits throughout the building, advanced kit on ERT cart
	☒ Hard Hats	ERT Cart	
	☒ Plumbed Eye Wash Stations	A, L, N, O	
	☒ Portable Eye Wash Kits *(i.e. bottle type)*	J	
	☐ Respirator Cartridges *(describe)*		
	☒ Safety Glasses/Splash Goggles		
	☒ Safety Showers	A	
	☒ Self-Contained Breathing Apparatuses (SCBA)	ERT Cart	
	☐ Other *(describe)*		
Fire Extinguishing Systems	☒ Automatic Fire Sprinkler Systems		
	☐ Fire Alarm Boxes/Stations		
	☒ Fire Extinguisher Systems *(describe)*	Z, P	B = Dry chemical P = Wet chemical FM-200 extinguishers in all fume hoods
	☐ Other *(describe)*		
Spill Control Equipment and Decontamination Equipment	☒ Absorbents *(describe)*	ERT Cart	Vermiculite, Clay
	☐ Berms/Dikes *(describe)*		
	☒ Decontamination Equipment *(describe)*	ERT Cart	
	☐ Emergency Tanks *(describe)*		
	☒ Exhaust Hoods		
	☐ Gas Cylinder Leak Repair Kits *(describe)*		
	☒ Neutralizers *(describe)*	ERT Cart	
	☒ Overpack Drums	Storage	
	☐ Sumps *(describe)*		
	☐ Other *(describe)*		
Communications and Alarm Systems	☒ Chemical Alarms *(describe)*	H, J, L, N, R	Combustible gas monitor
	☒ Intercoms/ PA Systems		
	☒ Portable Radios		
	☒ Telephones		
	☐ Underground Tank Leak Detection Monitors		
	☐ Other *(describe)*		
Additional Equipment *(Use Additional Pages if Needed.)*			

* *Use the Location Codes (LC) from the Storage Map(s) prepared earlier for your HMBP.*

Employee Training Plan

(Hazardous Materials Business Plan Module)

Authority Cited: H&SC, Section 25504(c); 22 CCR, Section 66265.16

All facilities which handle hazardous materials must have a written employee training plan. This plan is a required module of the Hazardous Materials Business Plan (HMBP). A blank plan has been provided below for you to complete and submit if you do not already have such a plan. If you already have a training plan, you are not required to complete the blank plan, below, but you must include a copy of your existing plan as part of your HMBP.

Check all boxes which apply. *[Note: Items marked with an asterisk (*) are required.]:*

1. **Personnel** are trained in the following procedures:

☒	Internal alarm/notification *
☒	Evacuation/re-entry procedures & assembly point locations*
☒	Emergency incident reporting
☒	External emergency response organization notification
☒	Location(s) and contents of Emergency Response/Contingency Plan
☒	Facility evacuation drills, which are conducted at least *(specify)* **Annually**. *(e.g. "Quarterly", etc.)*

2. **Chemical Handlers** are additionally trained in the following:

☒	Safe methods for handling and storage of hazardous materials *
☒	Location(s) and proper use of fire and spill control equipment
☒	Spill procedures/emergency procedures
☒	Proper use of personal protective equipment *
☒	Specific hazard(s) of each chemical to which they may be exposed, including routes of exposure *(i.e. inhalation, ingestion, absorption)* *
☒	**Hazardous Waste Handlers/Managers** are trained in all aspects of hazardous waste management specific to their job duties *(e.g. container accumulation time requirements, labeling requirements, storage area inspection requirements, manifesting requirements, etc.)* *

3. **Emergency Response Team Members** are capable of and engaged in the following:

☒	Personnel rescue procedures
☒	Shutdown of operations
☒	Liaison with responding agencies
☒	Use, maintenance, and replacement of emergency response equipment
☒	Refresher training, which is provided at least annually *
☒	Emergency response drills, which are conducted at least *(specify)* **Annually**. *(e.g. "Quarterly", etc.)*

Recordkeeping

(Hazardous Materials Business Plan Module)

All facilities which handle hazardous materials must maintain records associated with their management. A summary of your recordkeeping procedures is a required module of the Hazardous Materials Business Plan (HMBP). A blank summary has been provided below for you to complete and submit if you do not already have such a document. If you already have a brief written description of your hazardous materials recordkeeping systems which addresses all subjects covered below, you are not required to complete this page, but you must include a copy of your existing document as part of your HMBP.

Check all boxes which apply. The following records are maintained at the facility. *[Note: Items marked with an asterisk (*) are required.]*:

☒	Current employees' training records *(to be retained until closure of the facility)* *
☒	Former employees' training records *(to be retained at least three years after termination of employment)* *
☒	Training Program(s) *(i.e. written description of introductory and continuing training)* *
☒	Current copy of this Emergency Response/Contingency Plan *
☒	Record of recordable/reportable hazardous material/waste releases *
☒	Record of hazardous material/waste storage area inspections *
☐	Record of hazardous waste tank daily inspections *
☒	Description and documentation of facility emergency response drills

Note: The above list of records does not necessarily identify every type of record required to be maintained by the facility.

A copy of the Inspection Check Sheet(s) or Log(s) used in conjunction with required routine self-inspections of your facility must be submitted with your HMBP. *(Exception: Available from your local agency is a Hazardous Materials/Waste Storage Area Inspection Form which you may use if you do not already have your own form. If you use the example provided, you do not need to attach a copy.)*

Check the appropriate box:

☒	We will use the "Hazardous Materials/Waste Storage Area Inspection Form" to document inspections.
☐	We will use our own documents to record inspections. *(A blank copy of each document used must be attached to this HMBP.)*

Aboveground Separation, Containment, and Monitoring Plan
(Appendix to Hazardous Materials Business Plan)

Complete one column for each aboveground storage area shown on the Hazardous Materials Business Plan Storage Map(s). Write the appropriate location code in the box provided at the top of each column, then moving down the column, check all boxes which apply to that location. Make additional copies of this page if needed.

Location Code	A	C	D	E	H
Storage Type	● Inside building ☐ Outside storage shed ☐ Outdoors	● Inside building ☐ Outside storage shed ☐ Outdoors	● Inside building ☐ Outside storage shed ☐ Outdoors	● Inside building ☐ Outside storage shed ☐ Outdoors	☐ Inside building ● Outside storage shed ☐ Outdoors
Primary Containment	● Original containers ● Safety cans ☐ Inside machinery ☐ Drums/barrels ☐ Pressure vessels ☐ Bulk tanks ☐ Aboveground piping ☐ Other	● Original containers ● Safety cans ☐ Inside machinery ● Drums/barrels ☐ Pressure vessels ☐ Bulk tanks ☐ Aboveground piping ☐ Other	● Original containers ● Safety cans ☐ Inside machinery ☐ Drums/barrels ☐ Pressure vessels ☐ Bulk tanks ☐ Aboveground piping ☐ Other	● Original containers ● Safety cans ☐ Inside machinery ☐ Drums/barrels ☐ Pressure vessels ☐ Bulk tanks ☐ Aboveground piping ☐ Other	● Original containers ☐ Safety cans ☐ Inside machinery ☐ Drums/barrels ☐ Pressure vessels ☐ Bulk tanks ☐ Aboveground piping ☐ Other
Secondary Containment	● Approved cabinets ☐ Secondary drum ☐ Tray ☐ Bermed & coated floor ☐ Tank vault ☐ Secondary piping or piping trench ☐ Other	● Approved cabinets ☐ Secondary drum ☐ Tray ☐ Bermed & coated floor ☐ Tank vault ☐ Secondary piping or piping trench ☐ Other	● Approved cabinets ☐ Secondary drum ☐ Tray ☐ Bermed & coated floor ☐ Tank vault ☐ Secondary piping or piping trench ☐ Other	● Approved cabinets ☐ Secondary drum ☐ Tray ☐ Bermed & coated floor ☐ Tank vault ☐ Secondary piping or piping trench ☐ Other	● Approved cabinets ☐ Secondary drum ☐ Tray ☐ Bermed & coated floor ☐ Tank vault ☐ Secondary piping or piping trench ☐ Other
Separation	☐ All materials compatible ☐ One-hour separation wall/partition ☐ Separation by at least 20 feet ● Approved cabinets ☐ Other	● All materials compatible ☐ One-hour separation wall/partition ☐ Separation by at least 20 feet ☐ Approved cabinets ☐ Other	● All materials compatible ☐ One-hour separation wall/partition ☐ Separation by at least 20 feet ☐ Approved cabinets ☐ Other	● All materials compatible ☐ One-hour separation wall/partition ☐ Separation by at least 20 feet ☐ Approved cabinets ☐ Other	● All materials compatible ☐ One-hour separation wall/partition ☐ Separation by at least 20 feet ☐ Approved cabinets ☐ Other
Monitoring Type	● Visual ☐ Continuous (automatic sensors) ☐ Other	● Visual ☐ Continuous (automatic sensors) ☐ Other	● Visual ☐ Continuous (automatic sensors) ☐ Other	● Visual ☐ Continuous (automatic sensors) ☐ Other	● Visual ☐ Continuous (automatic sensors) ☐ Other
Monitoring Frequency	● Daily ☐ Weekly ☐ Monthly ☐ Other	● Daily ☐ Weekly ☐ Monthly ☐ Other	● Daily ☐ Weekly ☐ Monthly ☐ Other	● Daily ☐ Weekly ☐ Monthly ☐ Other	☐ Daily ● Weekly ☐ Monthly ☐ Other

Describe the location, type, manufacturer's specifications (if applicable) and suitability of any monitoring methods used other than visual monitoring:

Aboveground Separation, Containment, and Monitoring Plan
(Appendix to Hazardous Materials Business Plan)

Complete one column for each aboveground storage area shown on the Hazardous Materials Business Plan Storage Map(s). Write the appropriate location code in the box provided at the top of each column, then moving down the column, check all boxes which apply to that location. Make additional copies of this page if needed.

Location Code	I	J	L	M	N
Storage Type	● Inside building ☐ Outside storage shed ☐ Outdoors	● Inside building ☐ Outside storage shed ☐ Outdoors	● Inside building ☐ Outside storage shed ☐ Outdoors	● Inside building ☐ Outside storage shed ☐ Outdoors	● Inside building ☐ Outside storage shed ☐ Outdoors
Primary Containment	● Original containers ● Safety cans ☐ Inside machinery ☐ Drums/barrels ☐ Pressure vessels ☐ Bulk tanks ☐ Aboveground piping ☐ Other	● Original containers ● Safety cans ☐ Inside machinery ☐ Drums/barrels ☐ Pressure vessels ☐ Bulk tanks ☐ Aboveground piping ☐ Other	● Original containers ● Safety cans ☐ Inside machinery ☐ Drums/barrels ☐ Pressure vessels ☐ Bulk tanks ☐ Aboveground piping ☐ Other	● Original containers ● Safety cans ☐ Inside machinery ☐ Drums/barrels ☐ Pressure vessels ☐ Bulk tanks ☐ Aboveground piping ☐ Other	● Original containers ● Safety cans ☐ Inside machinery ☐ Drums/barrels ☐ Pressure vessels ☐ Bulk tanks ☐ Aboveground piping ☐ Other
Secondary Containment	● Approved cabinets ☐ Secondary drum ☐ Tray ☐ Bermed & coated floor ☐ Tank vault ☐ Secondary piping or piping trench ☐ Other	● Approved cabinets ☐ Secondary drum ☐ Tray ☐ Bermed & coated floor ☐ Tank vault ☐ Secondary piping or piping trench ☐ Other	● Approved cabinets ☐ Secondary drum ☐ Tray ☐ Bermed & coated floor ☐ Tank vault ☐ Secondary piping or piping trench ☐ Other	● Approved cabinets ☐ Secondary drum ☐ Tray ☐ Bermed & coated floor ☐ Tank vault ☐ Secondary piping or piping trench ☐ Other	● Approved cabinets ☐ Secondary drum ☐ Tray ☐ Bermed & coated floor ☐ Tank vault ☐ Secondary piping or piping trench ☐ Other
Separation	☐ All materials compatible ☐ One-hour separation wall/partition ☐ Separation by at least 20 feet ● Approved cabinets ☐ Other	● All materials compatible ☐ One-hour separation wall/partition ☐ Separation by at least 20 feet ☐ Approved cabinets ☐ Other	☐ All materials compatible ☐ One-hour separation wall/partition ☐ Separation by at least 20 feet ● Approved cabinets ☐ Other	☐ All materials compatible ☐ One-hour separation wall/partition ☐ Separation by at least 20 feet ● Approved cabinets ☐ Other	☐ All materials compatible ☐ One-hour separation wall/partition ☐ Separation by at least 20 feet ● Approved cabinets ☐ Other
Monitoring Type	● Visual ☐ Continuous (automatic sensors) ☐ Other	● Visual ☐ Continuous (automatic sensors) ☐ Other	● Visual ☐ Continuous (automatic sensors) ☐ Other	● Visual ☐ Continuous (automatic sensors) ☐ Other	● Visual ☐ Continuous (automatic sensors) ☐ Other
Monitoring Frequency	● Daily ☐ Weekly ☐ Monthly ☐ Other	● Daily ☐ Weekly ☐ Monthly ☐ Other	● Daily ☐ Weekly ☐ Monthly ☐ Other	● Daily ☐ Weekly ☐ Monthly ☐ Other	● Daily ☐ Weekly ☐ Monthly ☐ Other

Describe the location, type, manufacturer's specifications (if applicable) and suitability of any monitoring methods used other than visual monitoring:

Aboveground Separation, Containment, and Monitoring Plan
(Appendix to Hazardous Materials Business Plan)

Complete one column for each aboveground storage area shown on the Hazardous Materials Business Plan Storage Map(s). Write the appropriate location code in the box provided at the top of each column, then moving down the column, check all boxes which apply to that location. Make additional copies of this page if needed.

Location Code	O	R	Z		
Storage Type	■ Inside building ☐ Outside storage shed ☐ Outdoors	■ Inside building ☐ Outside storage shed ☐ Outdoors	☐ Inside building ■ Outside storage shed ☐ Outdoors	☐ Inside building ☐ Outside storage shed ☐ Outdoors	☐ Inside building ☐ Outside storage shed ☐ Outdoors
Primary Containment	■ Original containers ☐ Safety cans ☐ Inside machinery ☐ Drums/barrels ☐ Pressure vessels ☐ Bulk tanks ☐ Aboveground piping ☐ Other	■ Original containers ☐ Safety cans ☐ Inside machinery ☐ Drums/barrels ☐ Pressure vessels ☐ Bulk tanks ☐ Aboveground piping ☐ Other	■ Original containers ■ Safety cans ☐ Inside machinery ■ Drums/barrels ☐ Pressure vessels ☐ Bulk tanks ☐ Aboveground piping ☐ Other	☐ Original containers ☐ Safety cans ☐ Inside machinery ☐ Drums/barrels ☐ Pressure vessels ☐ Bulk tanks ☐ Aboveground piping ☐ Other	☐ Original containers ☐ Safety cans ☐ Inside machinery ☐ Drums/barrels ☐ Pressure vessels ☐ Bulk tanks ☐ Aboveground piping ☐ Other
Secondary Containment	■ Approved cabinets ☐ Secondary drum ☐ Tray ☐ Bermed & coated floor ☐ Tank vault ☐ Secondary piping or piping trench ☐ Other	☐ Approved cabinets ☐ Secondary drum ☐ Tray ☐ Bermed & coated floor ☐ Tank vault ☐ Secondary piping or piping trench ☐ Other	■ Approved cabinets ☐ Secondary drum ☐ Tray ☐ Bermed & coated floor ☐ Tank vault ☐ Secondary piping or piping trench ☐ Other	☐ Approved cabinets ☐ Secondary drum ☐ Tray ☐ Bermed & coated floor ☐ Tank vault ☐ Secondary piping or piping trench ☐ Other	☐ Approved cabinets ☐ Secondary drum ☐ Tray ☐ Bermed & coated floor ☐ Tank vault ☐ Secondary piping or piping trench ☐ Other
Separation	■ All materials compatible ☐ One-hour separation wall/partition ☐ Separation by at least 20 feet ■ Approved cabinets ☐ Other	■ All materials compatible ☐ One-hour separation wall/partition ☐ Separation by at least 20 feet ☐ Approved cabinets ☐ Other	■ All materials compatible ☐ One-hour separation wall/partition ☐ Separation by at least 20 feet ☐ Approved cabinets ☐ Other	☐ All materials compatible ☐ One-hour separation wall/partition ☐ Separation by at least 20 feet ☐ Approved cabinets ☐ Other	☐ All materials compatible ☐ One-hour separation wall/partition ☐ Separation by at least 20 feet ☐ Approved cabinets ☐ Other
Monitoring Type	■ Visual ☐ Continuous (automatic sensors) ☐ Other	■ Visual ■ Continuous (automatic sensors) ☐ Other	■ Visual ☐ Continuous (automatic sensors) ☐ Other	☐ Visual ☐ Continuous (automatic sensors) ☐ Other	☐ Visual ☐ Continuous (automatic sensors) ☐ Other
Monitoring Frequency	■ Daily ☐ Weekly ☐ Monthly ☐ Other	☐ Daily ■ Weekly ☐ Monthly ☐ Other	☐ Daily ■ Weekly ☐ Monthly ☐ Other	☐ Daily ☐ Weekly ☐ Monthly ☐ Other	☐ Daily ☐ Weekly ☐ Monthly ☐ Other

Describe the location, type, manufacturer's specifications (if applicable) and suitability of any monitoring methods used other than visual monitoring:

4066897

M. Randolph 1/29/03

UNIFIED PROGRAM CONSOLIDATED FORM

FACILITY INFORMATION

BUSINESS OWNER/OPERATOR IDENTIFICATION

I. IDENTIFICATION

FACILITY ID # (Agency Use Only) 1.		BEGINNING DATE 100	ENDING DATE 101.
		4/30/02	3/31/04
BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As) 3.		BUSINESS PHONE 102	
Ultratech Stepper, Inc.		408-577-3101	
BUSINESS SITE ADDRESS 103			
2880 Junction Avenue			
CITY 104.	CA	ZIP CODE 105.	
San Jose		95134	
DUN & BRADSTREET 106		SIC CODE (4 digit #) 107.	
10-211-0616		3559	
COUNTY 108.			
Santa Clara			
BUSINESS OPERATOR NAME 109.		BUSINESS OPERATOR PHONE 110.	
Ultratech Stepper, Inc.		408-321-8835	

II. BUSINESS OWNER

OWNER NAME 111.		OWNER PHONE 112.
Ultratech Stepper, Inc.		408-321-8835
OWNER MAILING ADDRESS 113		
3050 Zanker Road		
CITY 114	STATE 115	ZIP CODE 116
San Jose	CA	95134

III. ENVIRONMENTAL CONTACT

CONTACT NAME 117.		CONTACT PHONE 118.
Rich Morales		408-577-3101
CONTACT MAILING ADDRESS 119.		
3050 Zanker Road		
CITY 120	STATE 121	ZIP CODE 122
San Jose	CA	95134

IV. EMERGENCY CONTACTS

-PRIMARY-	-SECONDARY-
NAME 123	NAME 128.
Cathi Marx	Rich Morales
TITLE 124.	TITLE 129.
Corporate Compliance Manager	Sr. EH&S Coordinator
BUSINESS PHONE 125	BUSINESS PHONE 130
408-325-6049	408-577-3101
24-HOUR PHONE* 126.	24-HOUR PHONE* 131.
408-314-9378	408-314-9377
PAGER # 127.	PAGER # 132.

ADDITIONAL LOCALLY COLLECTED INFORMATION: 133.

Property Owner: Menlo Equities Phone No.: 650-326-9300

Billing Address: Ultratech Stepper 3050 Zanker Road San Jose, CA 95134

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE	DATE 134	NAME OF DOCUMENT PREPARER 135
Bruce R. Wright	22 APR 02	Rich Morales
NAME OF SIGNER (print) 136	TITLE OF SIGNER	137
BRUCE R. WRIGHT	CHIEF FINANCIAL OFFICER	

* See Instructions on next page

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Type of Report on This Page: ☐ Add; ☐ Delete, ☒ Revise

…c.

…Chase

EPCRA Confidential Location? ☐ Yes; ☒ No

Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only) ___ - ___ - ___

			4. Hazardous Components (For mixtures only): Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities: Max. Daily	Average Daily	Largest Cont.	Curies (If radioactive)	Days On Site	Storage Container*	7. Units	8. Storage Codes: Storage Pressure	Storage Temp.	9. Hazard Categories
		CAS No.: 6764-1 ☐ EHS	Acetone	100	☐		☒ pure; ☒ liquid	2	1	1		365	N	☒ gallons	☒ ambient	☒ ambient	☒ fire; ☒ acute health
3	1	Isopropyl Alcohol; CAS No.: 67-63-0 ☐ EHS	IPA	100	☐		☒ pure; ☒ liquid	2	1	1		365	N	☒ gallons	☒ ambient	☒ ambient	☒ fire; ☒ acute health
3	1	HMDS; CAS No.: 999-97-3 ☐ EHS	Hexamethyldisilazane	100	☐		☒ pure; ☒ liquid	2	1	pint		365	M		☒ ambient	☒ ambient	☒ fire; ☒ acute health
3	1	Microposit S1811 Photoresist; CAS No.: 108-65-6 ☐ EHS	Propylene Glycol	75	☐		☒ mixture; ☒ liquid	4	1	1		365	M	☒ gallons	☒ ambient	☒ ambient	☒ fire; ☒ acute health
			Monomethyl Ether Acetate		☐												
			PGMEA	10	☐												
			Cresol Novolac Resin	15	☐												
			Diazo Photoreactive Compound		☐												
3	1	RER 600 Edge Bead Remover; CAS No.: 108-65-6 ☐ EHS	1-methoxy-2-propanol acetate	100	☐		☒ pure; ☒ liquid	4	1	1		365	N	☒ gallons	☒ ambient	☒ ambient	☒ fire; ☒ acute health
3	1	JSR PFRIX500EL; CAS No.: 97-6A-3 ☐ EHS	Ethyl Lactate	80	☐		☒ mixture; ☒ liquid	2	1	1				☒ gallons	☒ ambient	☒ ambient	☒ fire; ☒ acute health
			Cresol Novolac resin	15	☐												
			Napthaquinonedizide	5	☐												

*

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Date: 03/15/02

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: Ultratech Stepper, Inc. 2880 Junction Ave. (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Page 5 of 24 (One page per building or area)

Chemical Location: 1.) Applications Lab & Chase (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes, ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
8	1	PD 523 AD Developer	TMAH		☐		☐ pure ☒ mixture	12	6	1	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb. ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
			Tetramethyl ammonium hyhroxide	3	☐	75-59-2								
			DI Water	>97	☐	7932-18-5	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
		CAS No ☐ EHS			☐									
					☐									
8	1	MFF-0-21 Developer	TMAH		☐		☐ pure ☒ mixture	6	2	1	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
			Tetramethyl ammonium hydroxide	2	☐	75-59-2								
			DI Water	>98	☐	7932-18-5	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
		CAS No.: ☐ EHS			☐									
					☐									
8	1	AZ400K Developer	Potassium Borates	5	☐	20786-60-1	☐ pure ☒ mixture	6	2	1	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
			DI Water	95	☐	7932-18-5								
					☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
		CAS No.: ☐ EHS			☐									
					☐									
8	1	MFCD26 Developer	TMAH		☐		☐ pure ☒ mixture	6	2	1	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☒ pressure release ☐ acute health ☐ chronic health ☐ radioactive
			Tetramethyl ammonium hydroxide	2	☐	75-59-2								
			DI Water	98	☐	7932-18-5	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
		CAS No.: ☐ EHS			☐									
					☐									
8	1	Misc Demo/Test Chemicals	combination of above		☐		☐ pure ☒ mixture	30	12	1	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
					☐									
					☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
		CAS No.: ☐ EHS			☐									
					☐									
8	1	NA 351 5:1 Developer	Sodium Hydroxide	2-4	☐	1310-73-2	☐ pure ☒ mixture	16	8	1	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb. ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
			Borates	6	☐	1303-96-4								
			DI Water	>92	☐	7732-18-5	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* H				
		CAS No.: ☐ EHS			☐									
					☐									

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Date: 03/15/02

Business Name: Ultratech Stepper, Inc. (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Chemical Location: 3.) Main Chemical Storage (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
3	3	Acetone	Acetone	100	☐		☒ pure ☐ mixture	12	6	1	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
		CAS No. 6764-1			☐ EHS		☐ solid ☒ liquid ☐ gas	Curies (If radioactive)	Days On Site: 365	Storage Container:* N				
3	3	Isopropyl Alcohol	IPA	100	☐		☒ pure ☐ mixture	12	4	1	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
		CAS No.: 67-63-0			☐ EHS		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
3	3	HMDS	Hexamethyldisilazane	100	☐		☒ pure ☐ mixture	4	2	pint	☐ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
		CAS No.: 999-97-3			☐ EHS		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* M				
3	3	Microposit S1811 Photoresist	Propylene Glycol	75	☐		☐ pure ☒ mixture	6	3	1	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
			Monomethyl Ether Acetate											
			PGMEA	10	☐									
		CAS No.: 108-65-6	Cresol Novolac Resin	15	☐ EHS		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* M				
			Diazo Photoreactive Compound											
3	3	RER 600 Edge Bead Remover	1-methoxy-2-propanol acetate	100	☐		☒ pure ☐ mixture	48	24	1	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
		CAS No.: 108-65-6			☐ EHS		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
3	3	JSR PFRIX500EL	Ethyl Lactate	80	☐		☐ pure ☒ mixture	5	2	1	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
			Cresol Novolac resin	15	☐									
			Napthaquinonedizide	5	☐									
		CAS No.: 97-6A-3			☐ EHS		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Date: 03/15/02

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: Ultratech Stepper, Inc. 2880 Junction Ave. (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete, ☒ Revise

Page 8 **of** 24 (One page per building or area)

Chemical Location: 3.) Main Chemical Storage (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No

Trade Secret Information? ☐ Yes, ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
3	3	System 812 Photoresist	Ethyl Lactate	45	☐	97-64-3	☐ pure ☒ mixture	5	2	1	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
			Anisole	20	☐	100-66-3								
			Cresol Novulac Resin	20	☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* M				
		CAS No. ☐ EHS	n-methyl butyl acetate	5	☐	6242-41-9								
			n-amyl acetate	7	☐	1319-63-7								
3	3	Megaposit SPR 660 Resist	Ethyl Lactate	55	☐	97-64-3	☐ pure ☒ mixture	2	1	1	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
			n-amyl acetate	25	☐	628-63-7								
			anisole	5	☐	100-66-3	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* M				
		CAS No.: ☐ EHS	Cresol Novulac Resin	10	☐									
			Diazo cresylic resin	5	☐									
3	3	PI 2732 Polymide Coating	n-methyl-2-pyrolidone	60	☐	872-50-4	☐ pure ☒ mixture	2	1	pint	☐ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
			tetra ethylene glycol diacrylate	10	☐	17831-71-9								
			Photosensitive Polymide resin	30	☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* M				
		CAS No.: ☐ EHS			☐									
					☐									
3	3	misc demo/test chemicals	combination of above		☐		☐ pure ☒ mixture	24	12	1	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
					☐									
					☐									
		CAS No.: ☐ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* M				
					☐									
8	3	NA 351 5 1 Developer	Sodium Hydroxide	2-4	☐	1310-73-2	☐ pure ☒ mixture	108	60	1	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
			Borates	6	☐	1303-96-4								
			DI Water	>92	☐	7732-18-5	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* H				
		CAS No.: ☐ EHS			☐									
					☐									
8	3	ST-22 Stripper	2-(2aminoethoxy) ethanol	40	☐		☐ pure ☒ mixture	48	24	1	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
			1-methyl-2-pyrolidinone	40	☐									
			Butyrolactone	10	☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* H				
		CAS No.: ☐ EHS	1-cyclohexyl-2-pyrolidinone	10	☐									
					☐									

* Storage Type codes: A Aboveground Tank; B Belowground Tank; C Tank Inside Building; D Steel Drum; E Plastic/Non-metallic Drum; F Can; G Carboy; H Silo; I Fiber Drum; J Bag; K Box; L Cylinder; M Glass Bottle or Jug; N Plastic Bottle or Jug; O Tote Bin; P Tank Wagon; Q Rail Car; R Other

If EPCRA, sign below: _____

Date: 03/15/02

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: Ultratech Stepper, Inc. 2880 Junction Ave. (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Page 9 **of** 24 (One page per building or area)

Chemical Location: 3.) Main Chemical Storage (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
8	3	PD 523 AD Developer	TMAH		☐		☐ pure ☒ mixture	60	24	1	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
			Tetramethyl ammonium hyhroxide	3	☐	75-59-2								
			DI Water	>97	☐	7932-18-5	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
		CAS No.:	☐ EHS		☐									
8	3	MFI-0-21 Developer	TMAH		☐		☐ pure ☒ mixture	12	6	1	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
			Tetramethyl ammonium hydroxide	2	☐	75-59-2								
			DI Water	>98	☐	7932-18-5	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
		CAS No.:	☐ EHS		☐									
8	3	AZ400K Developer	Potassium Borates	5	☐	20786-60-1	☐ pure ☒ mixture	12	6	1	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
			DI Water	95	☐	7932-18-5								
		CAS No.:	☐ EHS		☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
8	3	MFCD26 Developer	TMAH		☐		☐ pure ☒ mixture	12	6	1	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☒ pressure release ☐ acute health ☐ chronic health ☐ radioactive
			Tetramethyl ammonium hydroxide	2	☐	75-59-2								
			DI Water	98	☐	7932-18-5	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
		CAS No.:	☐ EHS		☐									
8	3	Misc Demo/Test Chemicals	combination of above		☐		☐ pure ☒ mixture	48	24	1	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
					☐									
					☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
		CAS No.:	☐ EHS		☐									
8	3	Sulfuric Acid	Sulfuric Acid	50	☐	7664-93-9	☐ pure ☒ mixture	12	6	1	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
			DI Water	50	☐	7732-18-5								
		CAS No.:	☐ EHS		☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:* N				

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below: _____

Non-Waste Hazardous Materials Inventory Statement

Date: 03/15/02

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: Ultratech Stepper, Inc. (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add, ☐ Delete; ☒ Revise

Page 10 **of** 24 (One page per building or area)

Chemical Location: 4.) Training Room (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes, ☒ No

Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only) - -

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
3	4	Acetone	Acetone	100	☐		☒ pure ☐ mixture	1	1	1	☒ gallons	☒ ambient	☒ ambient	☒ fire
		CAS No.: 6764-1 ☐ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N	☐ pounds ☐ cu feet ☐ tons	☐ > amb ☐ < amb	☐ > amb ☐ < amb ☐ cryogenic	☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
3	4	Isopropyl Alcohol	IPA	100	☐		☒ pure ☐ mixture	1	1	1	☒ gallons	☒ ambient	☒ ambient	☒ fire
		CAS No.: 67-63-0 ☐ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N	☐ pounds ☐ cu feet ☐ tons	☐ > amb ☐ < amb	☐ > amb ☐ < amb ☐ cryogenic	☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
3	4	NA351	Sodium Hydroxide	<4	☐	1310-73-2	☐ pure ☒ mixture	4	1	1	☐ gallons	☒ ambient	☒ ambient	☐ fire
		CAS No.: ☐ EHS	Borates	6	☐	1303-96-4					☐ pounds ☐ cu feet ☐ tons	☐ > amb ☐ < amb	☐ > amb ☐ < amb ☐ cryogenic	☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
			DI Water	>90	☐	7732-18-5	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N				
3	4	PD 523 AD	Tetramethyl Ammonium hydroxide	3	☐	75-59-2	☐ pure ☒ mixture	4	2	1	☒ gallons	☒ ambient	☒ ambient	☐ fire
		CAS No.: ☐ EHS	DI water	97	☐	7732-18-5	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N	☐ pounds ☐ cu feet ☐ tons	☐ > amb ☐ < amb	☐ > amb ☐ < amb ☐ cryogenic	☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	☐ gallons ☐ pounds ☐ cu feet ☐ tons	☐ ambient ☐ > amb ☐ < amb	☐ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ pure ☐ mixture ☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	☐ gallons ☐ pounds ☐ cu feet ☐ tons	☐ ambient ☐ > amb. ☐ < amb.	☐ ambient ☐ > amb. ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below: _____

Non-Waste Hazardous Materials Inventory Statement

Date: 03/15/02

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: Ultratech Stepper, Inc. 2880 Junction Ave.
(Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete, ☒ Revise

Page 11 of 24 (One page per building or area)

Chemical Location: 6) Wastewater Neutralization System (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
8	6	Sulfuric Acid Solution	Sulfuric Acid	60	☐	7664--93-9	☐ pure ☒ mixture	12	6	12	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
			DI Water	40	☐	7732-18-5	☐ solid ☒ liquid ☐ gas	Curies (If radioactive)	Days On Site: 365	Storage Container:* E				
		CAS No.	☐ EHS											
8	6	Sodium Hydroxide Solution	Sodium Hydroxide	>50	☐	1310-73-2	☐ pure ☒ mixture	16	10	10	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
			DI Water	50+	☐	7732-18-5	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* E				
		CAS No.:	☐ EHS											
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu feet ☐ tons	☐ ambient ☐ > amb ☐ < amb	☐ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.:	☐ EHS				☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu feet ☐ tons	☐ ambient ☐ > amb ☐ < amb	☐ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.:	☐ EHS				☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu feet ☐ tons	☐ ambient ☐ > amb ☐ < amb	☐ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.:	☐ EHS				☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu feet ☐ tons	☐ ambient ☐ > amb ☐ < amb	☐ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.:	☐ EHS				☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below: _____

Date: 03/15/02

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: Ultratech Stepper, Inc. 2880 Junction Ave. (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Page 12 **of** 24 (One page per building or area)

Chemical Location: 7.) Nitrogen Storage Area (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
2	7	Liquid Nitrogen	Nitrogen	100	☐		☒ pure ☐ mixture	264	225	264	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☐ ambient ☐ > amb ☐ < amb ☒ cryogenic	☐ fire ☐ reactive ☒ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies (If radioactive)	Days On Site: 365	Storage Container:* 1				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu feet ☐ tons	☐ ambient ☐ > amb ☐ < amb	☐ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu feet ☐ tons	☐ ambient ☐ > amb ☐ < amb	☐ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu feet ☐ tons	☐ ambient ☐ > amb ☐ < amb	☐ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu feet ☐ tons	☐ ambient ☐ > amb ☐ < amb	☐ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu feet ☐ tons	☐ ambient ☐ > amb ☐ < amb	☐ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.: ☐ EHS			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				

* Code — Storage Type

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

_____

Non-Waste Hazardous Materials Inventory Statement

Date: 03/15/02

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: Ultratech Stepper, Inc. 2880 Junction Ave.
(Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Page 13 **of** 24 (One page per building or area)

Chemical Location: 8.) UPS Battery Storage Area
(Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
8	8	Lead Acid Batteries	Electrolyte Soln - Sulfuric Acid	30	☐	7664-93-9	☐ pure ☒ mixture	1000	1000		☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☐ ambient ☐ > amb ☐ < amb ☒ cryogenic	☐ fire ☒ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
			Lead	60	☐	7439-92-1	☐ solid ☒ liquid ☐ gas	Curies (If radioactive)	Days On Site 365	Storage Container:* R				
		CAS No.	☐ EHS											
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu feet ☐ tons	☐ ambient ☐ > amb ☐ < amb	☐ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.:	☐ EHS				☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu feet ☐ tons	☐ ambient ☐ > amb ☐ < amb	☐ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
		CAS No.:	☐ EHS				☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu feet ☐ tons	☐ ambient ☐ > amb ☐ < amb	☐ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.:	☐ EHS				☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu feet ☐ tons	☐ ambient ☐ > amb ☐ < amb	☐ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.:	☐ EHS				☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
					☐		☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu feet ☐ tons	☐ ambient ☐ > amb ☐ < amb	☐ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
		CAS No.:	☐ EHS				☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below:

Date: 03/15/02

Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: Ultratech Stepper, Inc. 2880 Junction Ave.
(Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete, ☒ Revise

Page 14 **of** 24 (One page per building or area)

Chemical Location: 9.) Roof AC Area
(Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes, ☒ No

Facility ID # (Agency Use Only)

1. Haz Class	2. Map and Grid or Location Code	3. Common Name	4. Hazardous Components (For mixtures only) Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities Max. Daily	Average Daily	Largest Cont.	7. Units	8. Storage Codes Storage Pressure	Storage Temp.	9. Hazard Categories
2	9	Genetron 22	Chlorofluoromethane	100	☐	75-45-6	☒ pure ☐ mixture	850	800	400	☐ gallons ☒ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☐ ambient ☐ > amb ☐ < amb ☒ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
							☐ solid ☒ liquid ☐ gas	Curies (If radioactive)	Days On Site: 365	Storage Container:* R				
		CAS No.:			☐ EHS									
							☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu feet ☐ tons	☐ ambient ☐ > amb ☐ < amb	☐ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
							☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
		CAS No.:			☐ EHS									
							☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu feet ☐ tons	☐ ambient ☐ > amb ☐ < amb	☐ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
							☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
		CAS No.:			☐ EHS									
							☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu feet ☐ tons	☐ ambient ☐ > amb ☐ < amb	☐ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
							☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
		CAS No.:			☐ EHS									
							☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu feet ☐ tons	☐ ambient ☐ > amb ☐ < amb	☐ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
							☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
		CAS No.:			☐ EHS									
							☐ pure ☐ mixture				☐ gallons ☐ pounds ☐ cu feet ☐ tons	☐ ambient ☐ > amb ☐ < amb	☐ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
							☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*				
		CAS No.:			☐ EHS									

* Storage Container Codes

Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type	Code	Storage Type
A	Aboveground Tank	D	Steel Drum	G	Carboy	J	Bag	M	Glass Bottle or Jug	P	Tank Wagon
B	Belowground Tank	E	Plastic/Non-metallic Drum	H	Silo	K	Box	N	Plastic Bottle or Jug	Q	Rail Car
C	Tank Inside Building	F	Can	I	Fiber Drum	L	Cylinder	O	Tote Bin	R	Other

If EPCRA, sign below: _____

Date: 03/15/02

Hazardous Waste Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

Business Name: Ultratech Stepper, Inc. 2880 Junction Ave. San Jose, CA 95134 (Same as Facility Name or DBA)

Type of Report on This Page: ☐ Add; ☐ Delete; ☒ Revise

Page 15 of 24 (One page per building or area)

Chemical Location: 2.) Applications Waste (Building/Storage Area)

EPCRA Confidential Location? ☐ Yes; ☒ No
Trade Secret Information? ☐ Yes; ☒ No

Facility ID # (Agency Use Only)

1. Haz. Class	2. Map and Grid or Location Code	3. Waste Stream Name	4. Hazardous Components: Chemical Name	% Wt.	EHS	CAS No.	5. Type and Physical State	6. Quantities: Max. Daily	Average Daily	Largest Cont.	7. Annual Waste Amount	8. Units	9. Storage Codes: Storage Pressure	Storage Temp.	10. Hazard Categories
3	2	Stripper/Resist Mixture waste flammable liquid, corrosive	1-Methyl-2-pyrrolidinone	5	☐	872-50-4	☒ waste	55	30	55	660	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
			2-(2-Aminoethoxy) ethanol	20	☐	929-06-6									
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site	1-Cyclohexyl-2-Pyrrolidinone	20	☐	6837-24-7	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* E	State Waste Code: 343				
			Butyrolactone	5	☐	96-48-0									
			Propylene glycol monomethyl ether acetate	20	☐	108-65-6									
3	2	Mixed Solvents/ Photoresist, Waste flammable liquid	Acetone	10	☐	67-64-1	☒ waste	55	30	55	330	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
			2-Methyl Butyl Acetate	5	☐	624-41-9									
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site	Ethyl Lactate	25	☐	97-64-3	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* E	State Waste Code: 343				
			Cresol Novolak Resin	5	☐										
			1-Methoxy-2-propanol acetate	50	☐	108-65-6									
3	2	Waste Isopropal Alcohol	Isopropal Alcohol	100	☐	67-63-0	☒ waste	3	1	3	5	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
					☐										
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N	State Waste Code: 343				
					☐										
					☐										
3	2	Waste Acetone	Acetone	100	☐	67-64-1	☒ waste	3	1	3	5	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☒ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
					☐										
		Management Method: ☒ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* N	State Waste Code: 343				
					☐										
					☐										
8	6	Waste Acid Neutralization, Waste Corrosive	Tetra Methyl Ammonium Hydroxide TMAH	4	☐	75-79-2	☒ waste	3600	1000		365,000	☒ gallons ☐ pounds ☐ cu feet ☐ tons	☒ ambient ☐ > amb ☐ < amb	☒ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☒ acute health ☐ chronic health ☐ radioactive
			Sodium Hydroxide	4	☐	1310-73-2									
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☒ Treated On-site	Potassium Hydroxide	4	☐	1310-58-3	☐ solid ☒ liquid ☐ gas	Curies: (If radioactive)	Days On Site: 365	Storage Container:* R	State Waste Code:				
			Sulfuric Acid/Water 50%	1	☐	7664-93-9									
			D.I. Water	95	☐	7732-18-5									
					☐		☐ waste					☐ gallons ☐ pounds ☐ cu feet ☐ tons	☐ ambient ☐ > amb ☐ < amb	☐ ambient ☐ > amb ☐ < amb ☐ cryogenic	☐ fire ☐ reactive ☐ pressure release ☐ acute health ☐ chronic health ☐ radioactive
					☐										
		Management Method: ☐ Shipped Off-site ☐ Recycled On-site ☐ Treated On-site			☐		☐ solid ☐ liquid ☐ gas	Curies: (If radioactive)	Days On Site:	Storage Container:*	State Waste Code:				
					☐										

http://www.unidocs.org

Review & Approved 8-1-97 clarification

UNIFORM HAZARDOUS MATERIALS BUSINESS PLAN

Section A - General Information

1. Facility Information: *(Note: Prinbt or type all information. Instructions are located on the other side of this page.)*

Business Name: Ultratech Stepper, Inc. Business Phone: (408) 321-8835

Site Address: 3050 Zanker Road

City: San Jose State: CA Zip: 95134

Dunn & Bradstreet No.: 10-211-0616 Primary SIC Code *(4 digit)*: 3559

Operator Name: President, Ultratech Stepper, Inc. Operator Phone: (408) 321-8835

2. Business Owner Information:

Owner Name: President, Ultratech Stepper, Inc. Owner Phone: (408) 321-8835

Owner Mailing Address: _____
If different from site address

City: State: Zip:

3. Environmental Contact:

Contact Name: Ms. Cheri Able, Haz-Mat Coord. Contact Phone: (408) 577-3101

Contact Mailing Address: _____
If different from site address

City: State: Zip:

4. Emergency Contacts:

Primary Emergency Coordinator	Secondary Emergency Coordinator
Name: Mr. Dave Ghosh	Name: Ms. Cheri Able
Title: Dir. Risk Management	Title: Haz-Mat Coordinator
Business Phone: (408) 321-8835	Business Phone: (408) 577-3101
24 Hour Phone: (408) 981-8633	24 Hour Phone: (408) 321-8835
Pager No.: (888)936-7970	Pager No.: (408) 233-3017

☐ *(check box only if applicable)* Additional Emergency Coordinators are listed on page ____ of this HMBP.

5. Acutely Hazardous Materials (AHMs):

Are AHMs Present On-Site? ☐ Yes; ☐ No*(Note: If yes, contact your local agency regarding an AHM Registration appendix to the HMBP.)*

6. Additional Required Information:

EPA ID No.: CAD 982 517 096 Principal Type of Business: Mfg. Photolithographic Systems

Billing Address: _____ City: _____ State: _____ Zip: _____
If different from owner mailing address

Industrial Waste Discharge Contact: Cheri Able, Haz-Mat Coord. Phone No.: (408) 577-3101

Property Owner: Menlo Equities Management Corp. Phone No.: (415)854-4421

Facility Hours of Operation: 24-hrs, 5-days No. of Employees Per Shift: Day 375 ; Swing 75; Grave 25

7. OWNER/OPERATOR CERTIFICATION: I am an officer at the level of Vice-President, General Partner, Sole Proprietor, or higher. I hereby certify under penaltyof law that this information was obtained in accordance with applicable requirements. Based upon my inquiry of those iIndividuals responsible for obtaining the information reported here3in, I believe that the submitted information is true, accurate, and complete.

Name of HMBP document Preparer *(Print)*: Cheri Able Title: Haz. Mat'l Coord.

Signature of Owner/Operator: _____ Date: 7/31/97

Ultra Tech 3050 Stepper

Non-Waste Hazardous Material Inventory Statement

ULTRATECH STEPPER, INC.

Revised: Monday, June 30, 1997

(1) Loc	(2) Hazard Class	(3) Chemical Name Common/ Trade Name	(4) Chemical Components and Concentration	(5) (CAS) Abstract Service #	(6) Phys State	(7) Quantity on Hand Max	Avg	Largest Container	Current Inv.	(8) Units	(9) Days on Site	(10) Storage Code Type	Pres	Temp	(11) SARA Class
Area #1: BONDING LAB															
1	FL-1B	Acetone	Acetone	67-64-1	P, L	4	2	1	2	gallon	365	M	1	4	F-D
1	FL-1B	Isopropanol	Isopropyl Alcohol	67-63-0	P, L	4	2	1	1	gallon	365	M	1	4	F-D
1	FL-1B	Methanol	Methyl Alcohol	67-56-1	P, L	3	2	1	1	gallon	365	M	1	4	F-D
1	CML-IIIA	AMTEX-CCR	trade secret	na	M, L	1	1	1	1	gallon	365	N	1	4	
1	ORM-A	Dichloromethane	Methylene Chloride	75-09-2	P, L	2	1	1	1	gallon	365	M	1	4	N-D
Area #2: APPS CHASE															
2	FL-1B	HAZ-WASTE	SEE HWIS												
Area #3: MODEL SHOP															
3	FL-1A	VM&P Naptha	Naptha 40.5%	8032-32-4	M, L	2	1	1	1	gallon	365	M	1	4	F-D
3	FL-1B	Acetone	Acetone	67-64-1	P, L	2	2	1	1	gallon	365	M	1	4	F-D
3	FL-1B	Kerosene	Kerosene	8008-20-6	P, L	1	1	1	2	gallon	365	M	1	4	FPRID
1	FL-1B	Isopropanol	Isopropyl Alcohol	67-63-0	P, L	2	1	1	1	gallon	365	M	1	4	F-D
3	ORM	2500 Metal Cool	Petroleum Oil	6474-96-4	M, L	1	1	1	1	gallon	365	F	1	4	N-D
3	ORM	Al Cuting Fluid	Petroleum Distillate	8008-20-6	M, L	1	1	1	1	gallon	365	F	1	4	N-D
3	ORM	#H20002U CLNR	2-Butoxyethanol <20%	111-76-2	L,M	1	1	1	1	gallon	365	N	1	4	N-I
3	ORM	Carbon Black	Fine Carbon Powder	1333-86-4	P, S	1	1	1	1	lbs	365	M	1	4	N-D

Non-Waste Hazardous Material Inventory Statement

ULTRATECH STEPPER, INC.

Revised: Monday, June 30, 1997

(1) Loc	(2) Hazard Class	(3) Chemical Name Common/ Trade Name	(4) Chemical Components and Concentration	(5) (CAS) Abstract Service #	(6) Phys State	(7) Quantity on Hand Max	Avg	Largest Container	Current Inv.	(8) Units	(9) Days on Site	(10) Storage Code Type	Pres	Temp	(11) SARA Class
Area #4 - SYSTEMS TEST															
4	COL	MFI-21	Ammonium Hydroxide	133621-6	M, L	0	0	1	0	gallon	365	M	1	4	N-I
4	COL	PD 523AD	Tetra Methyl Am. Hydrox.	75-79-2	M, L	0	0	1	0	gallon	365	M	1	4	N-I
4	ORM-B	Developer 351	Sodium Hydroxide 4%	1310-73-2	M, L	0	0	1	0	gallon	365	M	1	4	N-I
Area #5 - OUTSIDE CHEMICAL STORAGE (FLAMMABLE)															
5	CML-II	S1808 Photo Resist	Propylene Glycol	108-65-6	M, L	12	6	1	1	gallon	365	M	1	4	F-D
5	CML-II	S1811 Photo Resist	Propylene Glycol	108-65-6	M, L	8	3	1	5	gallon	365	M	1	4	F-D
5	CML-II	PFR IX500EL	Ethyl lactate	97-64-3	M, L	8	3	1	4	gallon	365	M	1	4	F-D
5	CML-IIIA	AMTEX-CCR	trade secret	na	M, L	4	3	1	3	gallon	365	N	1	4	
5	FL-1A	VM&P Naptha	Naptha 40.5%	8032-32-4	M, L	2	1	1	0	gallon	365	M	1	4	F-D
5	FL-1B	Acetone	Acetone	67-64-1	P, L	68	6	1	18	gallon	365	M	1	4	F-D
5	FL-1B	Isopropanol	Isopropyl Alcohol	67-63-0	P, L	24	12	1	11	gallon	365	M	1	4	F-D
5	FL-1B	Methanol	Methyl Alcohol	67-56-1	P, L	12	6	1	2	gallon	365	M	1	4	F-D
5	FL-1B	H.M.D.S.	Hexamethyl Disizine	na	M, L	18	6	1	9	pint	365	M	1	4	F-D
5	CML-II	System 812	Ethyl Lactate	97-64-3	M, L	6	3	1	3	gallon	365	N	1	4	N-I
5	ORM	#H20002U CLNR	2-Butoxyethanol <20%	111-76-2	L,M	4	2	1	3	gallon	365	N	1	4	N-I
5	ORM-A	Dichloromethane	Methylene Chloride	75-09-2	P, L	6	3	4	3	gallon	365	M	1	4	N-D
5	CML-II	Megapst. SPR 850-1.0	Ethyl lactate	97-64-3	M, L	4	2	1	1	gallon	365	M	1	4	F-D
5	CML-II	Megapst. SPR 700-1.0	Ethyl lactate	97-64-3	M, L	4	2	1	1	gallon	365	M	1	4	F-D

Non-Waste Hazardous Material Inventory Statement

ULTRATECH STEPPER, INC.

Revised: Monday, June 30, 1997

(1) Loc	(2) Hazard Class	(3) Chemical Name Common/ Trade Name	(4) Chemical Components and Concentration	(5) (CAS) Abstract Service #	(6) Phys State	(7) Quantity on Hand Max	Avg	Largest Container	Current Inv.	(8) Units	(9) Days on Site	(10) Storage Code Type	Pres	Temp	(11) SARA Class
Area #5 - OUTSIDE CHEMICAL STORAGE (CORROSIVE)															
5	COL	454 Developer	Potassium Hydroxide	1310-58-3	M, L	16	8	1	7	gallon	365	M	1	4	N-D
5	COL	HPRD 429 Developer	Tetra Methyl Am. Hydrox	75-79-2	M, L	8	4	1	4	gallon	365	M	1	4	N-I
5	not reg.	CD-30 Developer	Alkaline salts	non hazardous	M,L	12	4	1	3	gallon	365	M	1	4	N-I
5	COL	Ethylene Glycol	Ethylene Glycol	107-21-1	P, L	5	5	5	5	gallon	365	M	1	4	N-D
5	COL	2401 Developer	Potassium Hydroxide	1310-58-3	M,L	8	4	1	0	gallon	365	N	1	4	N-I
5	COL	452 Developer	Potassium Hydroxide	1310-58-3	M, L	12	4	1	7	gallon	365	M	1	4	N-D
5	COL	453 Developer	Potassium Hydroxide	1310-58-3	M, L	8	0	1	0	gallon	365	M	1	4	N-I
5	COL	MF81-MX	Tetra Methyl Am. Hydrox	75-79-2	M, L	4	0	1	0	gallon	365	M	1	4	N-D
5	COL	MFI.21	Tetra Methyl Am. Hydrox.	75-79-2	M, L	40	20	1	28	gallon	365	N	1	4	N-I
5	COL	MF84-MX	Tetra Methyl Am. Hydrox.	75-79-2	M, L	4	0	1	2	gallon	365	M	1	4	N-I
5	COL	PD 523AD	Tetra Methyl Am. Hydrox.	75-79-2	M, L	60	40	1	7	gallon	365	M	1	4	N-I
5	COL	SULFURIC ACID	Sulfuric Acid	7664-93-9	M, L	16	12	1	6	gallon	365	M	1	4	R-I
5	IRL	AZ 400K 1:4	Potassium Hydroxide	1310-58-3	M, L	12	4	1	6	gallon	365	N	1	4	N-I
5	IRL	ST-20 Stripper	2-ethanol	112-34-5	M, L	36	24	1	21	gallon	365	M	1	4	N-I-D
5	ORM-B	NA 351 5:1 Developer	Sodium Hydroxide	1310-73-2	M, L	200	128	1	78	gallon	365	N	1	4	N-I
5	OXY	NITRIC ACID	HNO3	7697-37-2	P, L	2	1	1	1	gallon	365	M	1	4	R-I
5	IRL	OPD 262	Tetra Methyl Am. Hydrox.	75-79-2	M, L	8	4	1	4	gallon	365	M	1	4	N-D

Non-Waste Hazardous Material Inventory Statement

ULTRATECH STEPPER, INC.

Revised: Monday, June 30, 1997

(1) Loc	(2) Hazard Class	(3) Chemical Name Common/ Trade Name	(4) Chemical Components and Concentration	(5) (CAS) Abstract Service #	(6) Phys State	(7) Quantity on Hand Max	Avg	Largest Container	Current Inv.	(8) Units	(9) Days on Site	(10) Storage Code Type	Pres	Temp	(11) SARA Class
		EWATER NEUTRALIZATION SYSTEM													
		Sulfuric Acid	Sulfuric Acid	7664-93-9	M, L	10	6	1	4	gallon	365	M	1	4	R-I
		Area #7 - MANUFACTURING (CORROSIVES)													
7	COL	MFI-21	Ammonium Hydroxide	133621-6	M, L	8	1	1	6	gallon	365	M	1	4	N-I
7	COL	PD 523AD	Tetra Methyl Am. Hydrox.	75-79-2	M, L	8	6	1	6	gallon	365	M	1	4	N-I
7	ORM-B	Developer 351	Sodium Hydroxide 4%	1310-73-2	M, L	30	20	1	22	gallon	365	M	1	4	N-I
		Area #8 - MANUFACTURING FLAMMABLE CHEMICAL REFILL STATION													
8	FL-1B	Acetone	Acetone	67-64-1	P, L	4	2	1	2	gallon	365	M	1	4	F-D
8	FL-1B	Isopropanol	Isopropyl Alcohol	67-63-0	P, L	4	2	1	2	gallon	365	M	1	4	F-D
8	FG	C.S. Cleaner	10-C11 Hydrocarbons	64742-48-9	G, M	12	6	1	2	can	365	F	3	4	F-P

Non-Waste Hazardous Material Inventory Statement

ULTRATECH STEPPER, INC.

Revised: Monday, June 30, 1997

(1) Loc	(2) Hazard Class	(3) Chemical Name Common/ Trade Name	(4) Chemical Components and Concentration	(5) (CAS) Abstract Service #	(6) Phys State	(7) Quantity on Hand				(8) Units	(9) Days on Site	(10) Storage Code			(11) SARA Class
						Max	Avg	Largest Container	Current Inv.			Type	Pres	Temp	
Area #9 APPS LAB (FLAMMABLE CABINET)															
9	CML-II	AZ 1350B-SF	2-Ethoxyethyl acetate	111-15-9	M, L	4	1	1	0	gallon	365	M	1	4	F-D
9	CML-II	AZ P4620	Propylene Glycol	108-65-6	M, L	2	1	1	1	gallon	365	M	1	4	F-D
9	CML-II	EBR-10A	Propylene Glycol	108-65-6	P, L	4	3	1	3	gallon	365	M	1	4	F-D
9	CML-II	HPR 504	Ethyl lactate	97-64-3	M, L	2	0	1	0	gallon	365	M	1	4	F-D
9	CML-II	OFPR-800	2-Ethoxyethly acetate	111-15-9	M, L	4	1	1	0	gallon	365	M	1	4	F-D
9	CML-II	PFR IX500EL	Ethyl lactate	97-64-3	M, L	4	2	1	1	gallon	365	M	1	4	F-D
9	CML-II	S1808 Resist	Methly ether acetate	108-65-6	M, L	3	1	1	1	gallon	365	M	1	4	F-D
9	CML-II	S1811 Resist	Methly ether acetate	108-65-6	M, L	3	2	1	2	gallon	365	M	1	4	F-D
9	CML-IIIA	9100 Pos. Res.	2-Ethoxyethly acetate	111-15-9	M, L	1	1	1	1	gallon	365	M	1	4	F-D
9	FL-1B	Acetone	Acetone	67-64-1	P, L	8	4	1	4	gallon	365	M	1	4	F-D
9	FL-1B	H.M.D.S.	Hexamethyl Disizine	na	M, L	6	3	1	1	pint	365	M	1	4	F-D
9	FL-1B	Isopropanol	Isopropyl Alcohol	67-63-0	P, L	6	4	1	2	gallon	365	M	1	4	F-D
9	CML-II	System 812	Ethyl Lactate	687-47-8	M, L	2	1	1	1	gallon	365	N	1	4	N-I
9	CML-II	PI2732 Polyimide Coating	N-methyl-2-pyrollidone	872-15-4	M, L	3	1	1	1	bottle	365	M	1	4	F-D
9	CML-III	PI2771 Polyimide Coating	N-methyl-2-pyrollidone	872-15-4	M, L	3	1	1	1	bottle	365	M	1	4	F-D

Non-Waste Hazardous Material Inventory Statement

ULTRATECH STEPPER, INC.

Revised: Monday, June 30, 1997

(1) Loc	(2) Hazard Class	(3) Chemical Name Common/ Trade Name	(4) Chemical Components and Concentration	(5) (CAS) Abstract Service #	(6) Phys State	(7) Quantity on Hand				(8) Units	(9) Days on Site	(10) Storage Code			(11) SARA Class
						Max	Avg	Largest Container	Current Inv.			Type	Pres	Temp	
Area #9: APPS LAB (CORROSIVE CABINETS)															
9	COL	352 Dev.	Sodlium Hydroxide	1310-73-2	M, L	8	4	1	0	gallon	365	M	1	4	N-D
9	COL	452 Dev.	Potassium Hydroxide	1310-58-3	M, L	8	2	1	3	gallon	365	M	1	4	N-D
9	COL	454 Dev.	Potassium Hydroxide	1310-58-3	M, L	8	8	1	0	gallon	365	M	1	4	N-D
9	COL	AZ 624 MIF	Tetra Methyl Am. Hydrox.	75-79-2	M, L	8	2	1	0	gallon	365	M	1	4	N-D
9	COL	HPRD 407	Tetra Methyl Am. Hydrox.	75-79-2	M, L	8	2	1	0	gallon	365	M	1	4	N-D
9	COL	MF81A @ 47%	Tetra Methyl Am. Hydrox.	75-79-2	M, L	4	0	1	0	gallon	365	M	1	4	N-D
9	COL	MFI.21	Tetra Methyl Am. Hydrox.	75-79-2	M, L	6	4	1	3	gallon	365	N	1	4	N-I
9	COL	NOVA 2000,NMD	Tetra Methyl Am. Hydrox	75-79-2	M,L	4	0	1	0	gallon	365	M	1	4	N-I
9	COL	PD 523AD	Tetra Methyl Am. Hydrox.	75-79-2	M, L	10	5	1	10	gallon	365	N	1	4	N-I
9	COL	TS-263 Dev.	Tetra Methyl Am. Hydrox.	75-79-2	M, L	4	1	1	0	gallon	365	M	1	4	N-D
9	COL	XP-89114	Tetra Methyl Am. Hydrox.	75-79-2	M, L	4	4	1	0	gallon	365	N	1	4	N-I
9	COL	XP-91133	Tetra Methyl Am. Hydrox.	75-79-2	M, L	4	4	1	0	gallon	365	N	1	4	N-I
9	IRL	AZ 400K	Potassium Hydroxide	1310-58-3	M, L	6	4	1	2	gallon	365	N	1	4	N-I
9	IRL	AZ P4110	Propylene glycol	108-65-6	M, L	4	2	1	0	quart	365	N	1	4	N-I
9	IRL	HIPR-6512	Ethyl Lactate	687-47-8	M, L	4	2	1	0	gallon	365	M	1	4	N-D
9	IRL	ST-20 Stripper	2-ethanol	112-34-5	M, L	12	2	1	6	gallon	365	M	1	4	N-I-D
9	IRL	HPRD 437	Tetra Methyl Am. Hydrox.	75-79-2	M, L	8	7	1	0	gallon	365	M	1	4	N-D
9	ORM-B	NA 351 (5:1) Dev	Sodium Hydroxide 4%	1310-73-2	M, L	16	4	1	12	gallon	365	M	1	4	N-D
9	IRL	OPD 4262	Tetra Methyl Am. Hydrox.	75-79-2	M, L	12	4	1	2	gallon	365	M	1	4	N-D

Non-Waste Hazardous Material Inventory Statement

ULTRATECH STEPPER, INC.

Revised: Monday, June 30, 1997

(1) Loc	(2) Hazard Class	(3) Chemical Name Common/ Trade Name	(4) Chemical Components and Concentration	(5) (CAS) Abstract Service #	(6) Phys State	(7) Quantity on Hand Max	Avg	Largest Container	Current Inv.	(8) Units	(9) Days on Site	(10) Storage Code Type	Pres	Temp	(11) SARA Class
Area #10 - SUB-ASSEMBLY FLAMMABLE CHEMICAL REFILL STATION															
10	FL-1B	Acetone	Acetone	67-64-1	P, L	4	2	1	1	gallon	365	M	1	4	F-D
10	FL-1B	Isopropanol	Isopropyl Alcohol	67-63-0	P, L	4	2	1	1	gallon	365	M	1	4	F-D
10	FL-1B	Methanol	Methyl Alcohol	67-56-1	P,L	2	1	1	1	gallon	365	M	1	4	F-D
10	FG	C.S. Cleaner	10-C11 Hydrocarbons	64742-48-9	G, M	12	6	1	2	can	365	F	3	4	F-P
Area #11 - ALPHA LAB															
11	ORM-B	Developer NA 351 5:1	Sodium Hydroxide	1310-73-2	M, L	8	4	1	2	gallon	365	N	1	4	N-I
Area #12 - BASE FRAME (FLAMMABLE CABINET)															
12	FL-1B	Acetone	Acetone	67-64-1	P, L	6	4	1	2	bottle	365	M	1	4	F-D
12	FL-1B	Isopropanol	Isopropyl Alcohol	67-63-0	P, L	6	4	1	2	bottle	365	M	1	4	F-D
Area #13 - DI PURE WATER SYSTEM															
13	COL	Sodium Bisulfite	Sodium Bisulfite, 25-38%	7631-90-5	P, L	30	25	30	30	gallon	365	E	1	4	N-I
13	not reg.	Pretreat Plus	Polymer and water	na	M, L	30	25	30	30	gallon	365	E	1	4	
13	not reg.	Activated Alumina	Aluminum oxide	1333-84-2	P, S	165	110	55	165	gallon	365	D	1	4	
Area #14 - DIESEL GENERATOR SITE															
14	CML-II	Diesel Oil Fuel	Diesel Oil Fuel	na	P, L	180	125	180	0	gallon	365	A	1	4	F-I

Approved 12-6-05 R.By

405947

UNIFIED PROGRAM CONSOLIDATED FORM
FACILITY INFORMATION
BUSINESS ACTIVITIES

I. FACILITY IDENTIFICATION

FACILITY ID # (Agency Use Only)	1.	EPA ID # (Hazardous Waste Only)	2
43-060-TMP117		CAL000298387	

BUSINESS NAME (Same as Facility Name or DBA - Doing Business As) 3.

Underwriters Laboratories

II. ACTIVITIES DECLARATION

NOTE: If you check YES to any part of this list, please submit the Business Owner/Operator Identification page (OES Form 2730).

Does your facility...		If Yes, please complete these pages of the UPCF...
A. HAZARDOUS MATERIALS Have on site (for any purpose) hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?	☒ YES ☐ NO 4	HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION (OES 2731)
B. UNDERGROUND STORAGE TANKS (USTs) 1. Own or operate underground storage tanks?	☐ YES ☒ NO 5.	UST FACILITY (Formerly SWRCB Form A) UST TANK (one page per tank) (Formerly Form B)
2. Intend to upgrade existing or install new USTs?	☐ YES ☒ NO 6	UST FACILITY UST TANK (one per tank) UST INSTALLATION - CERTIFICATE OF COMPLIANCE (one page per tank) (Formerly Form C)
3. Need to report closing a UST?	☐ YES ☒ NO 7.	UST TANK (closure portion – one page per tank)
C. ABOVE GROUND PETROLEUM STORAGE TANKS (ASTs) Own or operate ASTs above these thresholds: ---any tank capacity is greater than 660 gallons, or ---the total capacity for the facility is greater than 1,320 gallons?	☐ YES ☒ NO 8	NO FORM REQUIRED TO CUPAs
D. HAZARDOUS WASTE 1. Generate hazardous waste?	☒ YES ☐ NO 9.	EPA ID NUMBER – provide at the top of this page
2. Recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC §25143.2)?	☐ YES ☒ NO 10.	RECYCLABLE MATERIALS REPORT (one per recycler)
3. Treat hazardous waste on site?	☐ YES ☒ NO 11	ONSITE HAZARDOUS WASTE TREATMENT – FACILITY (Formerly DTSC Forms 1772) ONSITE HAZARDOUS WASTE TREATMENT – UNIT (one page per unit) (Formerly DTSC Forms 1772 A,B,C,D and L)
4. Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	☐ YES ☒ NO 12	CERTIFICATION OF FINANCIAL ASSURANCE (Formerly DTSC Form 1232)
5. Consolidate hazardous waste generated at a remote site?	☐ YES ☒ NO 13	REMOTE WASTE / CONSOLIDATION SITE ANNUAL NOTIFICATION (Formerly DTSC Form 1196)
6. Need to report the closure/removal of a tank that was classified as hazardous waste and cleaned onsite?	☐ YES ☒ NO 14	HAZARDOUS WASTE TANK CLOSURE CERTIFICATION (Formerly DTSC Form 1249)

E. LOCAL REQUIREMENTS 15.

(You may also be required to provide additional information by your CUPA or local agency.)

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FIRE PREVENTION BUREAU

Unidocs
The Uniform Documents Project

Hazardous Materials Online Inventory Project

Viewing/Updating Facility Information

After modifying your facility's information below, click 'Update Facility Information' to update the database.

I. IDENTIFICATION

FACILITY ID#: **43-060-TMP117**

BEGINNING DATE (MM/DD/YYYY): 10/1/05

ENDING DATE (MM/DD/YYYY):

BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As): **Underwriters Laboratories Inc.**

BUSINESS PHONE (###) ###-#### x#####: (408) 473-2000

BUSINESS SITE ADDRESS: **455 E. Trimble Road**

CITY: **San Jose**

STATE: **CA**

ZIP CODE: 95131

DUN & BRADSTREET:

SIC CODE (4 digit #): 8734

COUNTY: Santa Clara

BUSINESS OPERATOR NAME:

BUSINESS OPERATOR PHONE: (###) ###-#### x#####

II. BUSINESS OWNER

OWNER NAME: Underwriters Laboratories Inc.

OWNER PHONE: (###) ###-####: (408) 473-2000

OWNER MAILING ADDRESS: 455 E. Trimble Ave.

CITY: San Jose

STATE: CA

ZIP CODE: 95313

III. ENVIRONMENTAL CONTACT

CONTACT NAME: Jill Brooks

CONTACT PHONE: (###) ###-#### x#####: 408-754-6544

CONTACT MAILING ADDRESS: 455 E. Trimble Ave.

CITY: San Jose

STATE: CA

ZIP CODE: 95130

IV. EMERGENCY CONTACTS

-PRIMARY-

NAME:

-SECONDARY-

NAME:

Steve Undorte	Jill Brooks
TITLE:	TITLE:
Manger, West Coast Facilities De	Environmental Specialist
BUSINESS PHONE: (###) ###-#### x####	BUSINESS PHONE: (###) ###-#### x####
408-754-6767	408-754-6544
24-HOUR PHONE: (###) ###-#### x####	24-HOUR PHONE: (###) ###-#### x####
(408) 640-6992	(408) 396-0325
PAGER#:	PAGER#:

ADDITIONAL LOCALLY COLLECTED INFORMATION:

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penaltyof law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.

DATE: (MM/DD/YYYY)	NAME OF DOCUMENT PREPARER:
10/04/05	Jill Brooks
NAME OF SIGNER:	TITLE OF SIGNER:
Jill Brooks	Hygenist/Environmental Specialis

Update Facility Information

UPCF(1/99 revised) OES FORM 2730 (1/99)

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related links | training and meetings

For comments or questions regarding the HMIS project, contact the Online Database Administrator.

hosted by City of Palo Alto

Hazardous Waste Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

BUSINESS NAME: Underwriters Laboratories Inc. | **DATE:** 10/27/2005 | **PAGE:** 1 of 1

LOCATION: Hazardous Waste Accumulation Shed | **EPCRA CONFIDENTIAL:** NO | **TRADE SECRET:** NO | **FACILITY ID#:** 43-060-TMP117

1. Hazard Class	2. Grid Code	3. Common Name	4. Hazardous Components	5. Phys. State	6. Quantities	7. Units	8. Storage Codes	9. Haz. Categories
8	E	CORROSIVE LIQUIDS **CAS#:** NONE **EHS:** NO	COMPONENT NAME / EHS / % / CAS# MISCELLANEOUS CORROSIV E LIQUIDS / N / 100 /	LIQUID (MIXTURE)	**MAX:** 5 **LARGEST:** 5 **AVG:** 5 **CURIES:** 0 **DAYS:** 90 **CONTAINERS:** M **WASTE:** 40 **STATE CODE:** 791	GAL	**Pressure** **Temp** AMBIENT AMBIENT	ACUTE HEALTH
3	E	PAINT RELATED MATERIAL S **CAS#:** NONE **EHS:** NO	COMPONENT NAME / EHS / % / CAS# XYLENE / N / unk / 1330-20-7 EPOXY RESIN / N / unk / 25068-38-6	LIQUID (MIXTURE)	**MAX:** 20 **LARGEST:** 20 **AVG:** 20 **CURIES:** 0 **DAYS:** 90 **CONTAINERS:** F, N **WASTE:** 1000 **STATE CODE:** 343	LBS	**Pressure** **Temp** AMBIENT AMBIENT	FIRE ACUTE HEALTH
2.1	E	WASTE AEROSOLS **CAS#:** NONE **EHS:** NO	COMPONENT NAME / EHS / % / CAS# XYLENE / N / 30 / 1330-20-7 ACETONE / N / 15 / 67-64-1 PROPANE / N / 15 / 74-98-6 ETHYLBENZENE / N / 5 / 100-41-4	LIQUID (MIXTURE)	**MAX:** 10 **LARGEST:** 1 **AVG:** 10 **CURIES:** 0 **DAYS:** 90 **CONTAINERS:** F **WASTE:** 15 **STATE CODE:** 551	LBS	**Pressure** **Temp** AMBIENT AMBIENT	FIRE PRESSURE RELEASE
3	E	WASTE FLAMMABLE LIQUID S **CAS#:** NONE **EHS:** NO	COMPONENT NAME / EHS / % / CAS# ACETONE / N / <25 / 67-64-1 2 PROPANOL / N / <25 / 67-63-0 WATER / N / >50 / 7732-18-5	LIQUID (MIXTURE)	**MAX:** 2 **LARGEST:** 5 **AVG:** 2 **CURIES:** 0 **DAYS:** 90 **CONTAINERS:** M, F **WASTE:** 100 **STATE CODE:** NONE	GAL	**Pressure** **Temp** AMBIENT AMBIENT	CHRONIC HEALTH
6.1	E	WASTE TOXIC LIQUID, ORGANIC **CAS#:** NONE **EHS:** NO	COMPONENT NAME / EHS / % / CAS# EPOXY RESIN / N / 40 / 25068-38-6 BARIUM SULFATE / N / 20 / 7727-43-7 HYDROQUINONE / N / 40 / 123-31-9	LIQUID (MIXTURE)	**MAX:** 5 **LARGEST:** 5 **AVG:** 5 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M **WASTE:** 10 **STATE CODE:** 551	GAL	**Pressure** **Temp** AMBIENT AMBIENT	ACUTE HEALTH CHRONIC HEALTH

STORAGE CONTAINER CODES

A = Aboveground Tank, B = Belowground Tank, C = Tank Inside Building, D = Steel Drum, E = Plastic/Nonmetallic Drum, F = Can, G = Carboy, H = Silo, I = Fiber Drum, J = Bag, K = Box, L = Cylinder, M = Glass Bottle or Jug, N = Plastic Bottle or Jug, O = Tote Bin, P = Tank Wagon, Q = Rail Car, R = Other

OTHER ABBREVIATIONS

MAX = Max. Amount Daily, AVG = Avg. Amount Daily, DAYS = Days On Site, LARGEST = Largest Container, CURIES = Curies (in mCi), CONTAINERS = Storage Containers

If EPCRA, Please Sign Here: _____

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Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

BUSINESS NAME: Underwriters Laboratories Inc. | **DATE:** 10/27/2005 | **PAGE:** 1 of 22

LOCATION: Chemical/Analytical Lab | **EPCRA CONFIDENTIAL:** NO | **TRADE SECRET:** NO | **FACILITY ID#:** 43-060-TMP117

1. Hazard Class	2. Grid Code	3. Common Name	4. Hazardous Components	5. Phys. State	6. Quantities	7. Units	8. Storage Codes	9. Haz. Categories
0	A	**SODIUM BICARBONATE **CAS#:** 144-55-8 **EHS:** NO	COMPONENT NAME: SODIUM BICARBONATE; EHS: N; %: 100; CAS#: 144-55-8	SOLID (PURE)	**MAX:** 0.25 **LARGEST:** 1 **AVG:** 0.25 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** N	LBS	Pressure: AMBIENT Temp: AMBIENT	REACTIVE ACUTE HEALTH CHRONIC HEALTH
8	A	*CALCIUM HYPOCHLORITE **CAS#:** 7778-54-3 **EHS:** NO	COMPONENT NAME: *CALCIUM HYPOCHLORITE; EHS: N; %: 100; CAS#: 7778-54-3	SOLID (PURE)	**MAX:** 0.0022 **LARGEST:** 0.0022 **AVG:** 0.0022 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	LBS	Pressure: AMBIENT Temp: AMBIENT	FIRE REACTIVE ACUTE HEALTH
8	A	*IODINE **CAS#:** 7553-56-2 **EHS:** NO	COMPONENT NAME: *IODINE; EHS: N; %: 100; CAS#: 7553-56-2	SOLID (PURE)	**MAX:** 0.2205 **LARGEST:** 1.1023 **AVG:** 0.2205 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	LBS	Pressure: AMBIENT Temp: AMBIENT	REACTIVE ACUTE HEALTH
0	A	*POTASSIUM IODIDE (SOLID) **CAS#:** 7681-11-0 **EHS:** NO	COMPONENT NAME: POTASSIUM IODIDE; EHS: N; %: 100; CAS#: 7681-11-0	SOLID (PURE)	**MAX:** 0.0006 **LARGEST:** 0.2205 **AVG:** 0.0006 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	LBS	Pressure: AMBIENT Temp: AMBIENT	ACUTE HEALTH
8	A	*SODIUM HYDROXIDE, PELLETS **CAS#:** 1310-73-2 **EHS:** NO	COMPONENT NAME: SODIUM HYDROXIDE, PELLETS; EHS: N; %: 100; CAS#: 1310-73-2	SOLID (PURE)	**MAX:** 0.0011 **LARGEST:** 1.1023 **AVG:** 0.0011 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** N	LBS	Pressure: AMBIENT Temp: AMBIENT	REACTIVE ACUTE HEALTH
3	A	*TOLUENE **CAS#:** 108-88-3 **EHS:** NO	COMPONENT NAME: *TOLUENE; EHS: N; %: 100; CAS#: 108-88-3	LIQUID (PURE)	**MAX:** 0.1981 **LARGEST:** 0.2642 **AVG:** 0.1981 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	GAL	Pressure: AMBIENT Temp: AMBIENT	FIRE ACUTE HEALTH

STORAGE CONTAINER CODES

A = Aboveground Tank; B = Belowground Tank; C = Tank Inside Building; D = Steel Drum; E = Plastic/Nonmetallic Drum; F = Can; G = Carboy; H = Silo; I = Fiber Drum; J = Bag; K = Box; L = Cylinder; M = Glass Bottle or Jug; N = Plastic Bottle or Jug; O = Tote Bin; P = Tank Wagon; Q = Rail Car; R = Other

OTHER ABBREVIATIONS

MAX = Max. Amount Daily; AVG = Avg. Amount Daily; DAYS = Days On Site; LARGEST = Largest Container; CURIES = Curies (In mCi); CONTAINERS = Storage Containers

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Non-Waste Hazardous Materials Inventory Statement

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BUSINESS NAME: Underwriters Laboratories Inc. | **DATE:** 10/27/2005 | **PAGE:** 2 of 22

LOCATION: Chemical/Analytical Lab | **EPCRA CONFIDENTIAL:** NO | **TRADE SECRET:** NO | **FACILITY ID#:** 43-060-TMP117

1. Hazard Class	2. Grid Code	3. Common Name	4. Hazardous Components	5. Phys. State	6. Quantities	7. Units	8. Storage Codes	9. Haz. Categories
3	A	1 BUTANOL **CAS#:** 71-36-3 **EHS:** NO	COMPONENT NAME / EHS / % / CAS# 1 BUTANOL / N / 100 / 71-36-3	LIQUID (PURE)	**MAX:** 0.1981 **LARGEST:** 0.2642 **AVG:** 0.1981 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** N	GAL	Pressure / Temp AMBIENT / AMBIENT	FIRE CHRONIC HEALTH
6.1	A	2-BUTOXY ETHANOL **CAS#:** 111-76-2 **EHS:** NO	COMPONENT NAME / EHS / % / CAS# 2-BUTOXY ETHANOL / N / 100 / 111-76-2	LIQUID (PURE)	**MAX:** 0.1981 **LARGEST:** 0.2642 **AVG:** 0.1981 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** N	GAL	Pressure / Temp AMBIENT / AMBIENT	FIRE ACUTE HEALTH CHRONIC HEALTH
3	A	37% FORMALDEHYDE **CAS#:** 50-00-0 **EHS:** NO	COMPONENT NAME / EHS / % / CAS# FORMALDEHYDE / Y / 37 / 30525-89-4 METHANOL / N / 12-14 / 67-56-1	LIQUID (PURE)	**MAX:** 0.1321 **LARGEST:** 0.1321 **AVG:** 0.1321 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	GAL	Pressure / Temp AMBIENT / AMBIENT	FIRE ACUTE HEALTH CHRONIC HEALTH
3	A	70% ISOPROPYL ALCOHOL **CAS#:** 67-63-0 **EHS:** NO	COMPONENT NAME / EHS / % / CAS# 2 PROPANOL / N / 70 / 67-63-0 WATER / N / 30 / 7732-18-5	LIQUID (PURE)	**MAX:** 0.2642 **LARGEST:** 0.2642 **AVG:** 0.2642 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** N	GAL	Pressure / Temp AMBIENT / AMBIENT	FIRE ACUTE HEALTH
3	A	ACETIC ACID **CAS#:** 64-19-7 **EHS:** NO	COMPONENT NAME / EHS / % / CAS# ACETIC ACID / N / 100 / 64-19-7	LIQUID (PURE)	**MAX:** 0.0001 **LARGEST:** 0.1321 **AVG:** 0.0001 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	GAL	Pressure / Temp AMBIENT / AMBIENT	ACUTE HEALTH CHRONIC HEALTH
8	A	ACETIC ACID GLACIAL **CAS#:** 64-19-7 **EHS:** NO	COMPONENT NAME / EHS / % / CAS# ACETIC ACID GLACIAL / N / 100 / 64-19-7	LIQUID (PURE)	**MAX:** 1.0567 **LARGEST:** 1.0567 **AVG:** 1.0567 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	GAL	Pressure / Temp AMBIENT / AMBIENT	ACUTE HEALTH

STORAGE CONTAINER CODES

A = Aboveground Tank; B = Belowground Tank; C = Tank Inside Building; D = Steel Drum; E = Plastic/Nonmetallic Drum; F = Can; G = Carboy; H = Silo; I = Fiber Drum; J = Bag; K = Box; L = Cylinder; M = Glass Bottle or Jug; N = Plastic Bottle or Jug; O = Tote Bin; P = Tank Wagon; Q = Rail Car; R = Other

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Non-Waste Hazardous Materials Inventory Statement

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BUSINESS NAME: Underwriters Laboratories Inc. | **DATE:** 10/27/2005 | **PAGE:** 3 of 22

LOCATION: Chemical/Analytical Lab | **EPCRA CONFIDENTIAL:** NO | **TRADE SECRET:** NO | **FACILITY ID#:** 43-060-TMP117

1. Hazard Class	2. Grid Code	3. Common Name	4. Hazardous Components	5. Phys. State	6. Quantities	7. Units	8. Storage Codes	9. Haz. Categories
3	A	ACETONE, 99.5% ACS REAGENT **CAS#:** 67-64-1 **EHS:** NO	COMPONENT NAME: ACETONE; EHS: N; %: 100; CAS#: 67-64-1	LIQUID (PURE)	**MAX:** 0.2642 **LARGEST:** 0.2642 **AVG:** 0.2642 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	GAL	**Pressure** AMBIENT **Temp** AMBIENT	FIRE ACUTE HEALTH
2.1	A	ACETYLENE **CAS#:** 74-86-2 **EHS:** NO	COMPONENT NAME: ACETYLENE; EHS: N; %: 100; CAS#: 74-86-2	GAS (PURE)	**MAX:** 150 **LARGEST:** 150 **AVG:** 150 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** L	CUFT	**Pressure** > AMB. **Temp** AMBIENT	FIRE REACTIVE PRESSURE RELEASE
4.1	A	ACTIVATED CARBON **CAS#:** 7440-44-0 **EHS:** NO	COMPONENT NAME: ACTIVATED CARBON; EHS: N; %: 100; CAS#: 7440-44-0	SOLID (PURE)	**MAX:** 2.2046 **LARGEST:** 2.2046 **AVG:** 2.2046 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** N	LBS	**Pressure** AMBIENT **Temp** AMBIENT	FIRE
3	A	ALCOHOL, ANHYDROUS REAGENT **CAS#:** ALCOHOL, ANHYDROUS R **EHS:** NO	COMPONENT NAME: ALCOHOL, ANHYDROUS REAGEN...; EHS: N; %: 100; CAS#: ALCOHOL, ANHYDROUS R	LIQUID (MIXTURE)	**MAX:** 0.0001 **LARGEST:** 0.0003 **AVG:** 0.0001 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	GAL	**Pressure** AMBIENT **Temp** AMBIENT	FIRE ACUTE HEALTH
3	A	ALCOHOL, ANHYDROUS, LIQUID **CAS#:** 64-17-5 **EHS:** NO	COMPONENT NAME: ETHANOL; EHS: N; %: 100; CAS#: 64-17-5	LIQUID (PURE)	**MAX:** 0.2642 **LARGEST:** 0.2642 **AVG:** 0.2642 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	GAL	**Pressure** AMBIENT **Temp** AMBIENT	FIRE ACUTE HEALTH CHRONIC HEALTH
3	A	ALCOHOL, DENATURED, LIQUID **CAS#:** 64-17-5 **EHS:** NO	COMPONENT NAME: ETHANOL; EHS: N; %: 100; CAS#: 64-17-5	LIQUID (PURE)	**MAX:** 0.2642 **LARGEST:** 0.2642 **AVG:** 0.2642 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	GAL	**Pressure** AMBIENT **Temp** AMBIENT	FIRE ACUTE HEALTH CHRONIC HEALTH

STORAGE CONTAINER CODES

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BUSINESS NAME: Underwriters Laboratories Inc. | **DATE:** 10/27/2005 | **PAGE:** 4 of 22

LOCATION: Chemical/Analytical Lab | **EPCRA CONFIDENTIAL:** NO | **TRADE SECRET:** NO | **FACILITY ID#:** 43-060-TMP117

1. Hazard Class	2. Grid Code	3. Common Name	4. Hazardous Components	5. Phys. State	6. Quantities	7. Units	8. Storage Codes	9. Haz. Categories
8	A	ALUMINUM CHLORIDE **CAS#:** 7784-13-6 **EHS:** NO	COMPONENT NAME / EHS / % / CAS# ALUMINUM CHLORIDE / N / 2 / 7446-70-0 WATER / N / 98 / 7732-18-5	LIQUID (MIXTURE)	**MAX:** 1.1023 **LARGEST:** 2.2046 **AVG:** 1.1023 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	LBS	Pressure: AMBIENT Temp: AMBIENT	ACUTE HEALTH
8	A	ALUMINUM SULFATE **CAS#:** 17927-65-0 **EHS:** NO	COMPONENT NAME / EHS / % / CAS# ALUMINUM SULFATE / N / 100 / 17927-65-0	LIQUID (PURE)	**MAX:** 1.1023 **LARGEST:** 2.2046 **AVG:** 1.1023 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	LBS	Pressure: AMBIENT Temp: AMBIENT	ACUTE HEALTH
9	A	AMMONIA **CAS#:** 7664-41-7 **EHS:** NO	COMPONENT NAME / EHS / % / CAS# ANHYDROUS AMMONIA / Y / .04 / 7664-41-7	LIQUID (MIXTURE)	**MAX:** 1.75 **LARGEST:** 1.75 **AVG:** 1.75 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** N	LBS	Pressure: AMBIENT Temp: AMBIENT	FIRE CHRONIC HEALTH
8	A	AMMONIA HYDROXIDE **CAS#:** 1336-21-6 **EHS:** NO	COMPONENT NAME / EHS / % / CAS# AMMONIUM HYDROXIDE / N / 100 / 1336-21-6	LIQUID (PURE)	**MAX:** 0.0991 **LARGEST:** 0.2642 **AVG:** 0.0991 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	GAL	Pressure: AMBIENT Temp: AMBIENT	ACUTE HEALTH
8	A	AMMONIUM HYDROXIDE **CAS#:** 1336-21-6 **EHS:** NO	COMPONENT NAME / EHS / % / CAS# AMMONIUM HYDROXIDE / N / 100 / 1336-21-6	LIQUID (PURE)	**MAX:** 2.1134 **LARGEST:** 2.1134 **AVG:** 2.1134 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	GAL	Pressure: AMBIENT Temp: AMBIENT	ACUTE HEALTH
6.1	A	AMMONIUM OXALATE **CAS#:** 6009-70-7 **EHS:** NO	COMPONENT NAME / EHS / % / CAS# AMMONIUM OXALATE / N / 100 / 6009-70-7	SOLID (PURE)	**MAX:** 1.1023 **LARGEST:** 2.2046 **AVG:** 1.1023 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** N	LBS	Pressure: AMBIENT Temp: AMBIENT	ACUTE HEALTH CHRONIC HEALTH

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LOCATION: Chemical/Analytical Lab | **EPCRA CONFIDENTIAL:** NO | **TRADE SECRET:** NO | **FACILITY ID#:** 43-060-TMP117

1. Hazard Class	2. Grid Code	3. Common Name	4. Hazardous Components	5. Phys. State	6. Quantities	7. Units	8. Storage Codes	9. Haz. Categories
3	A	AMYL ACETATE **CAS#:** 628-63-7 **EHS:** NO	COMPONENT NAME: AMYL ACETATE; EHS: N; %: 100; CAS#: 628-63-7	LIQUID (PURE)	**MAX:** 0.0264 **LARGEST:** 0.1321 **AVG:** 0.0264 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	GAL	Pressure: AMBIENT; Temp: AMBIENT	FIRE
2.2	A	ARGON **CAS#:** 7440-37-1 **EHS:** NO	COMPONENT NAME: ARGON COMPRESSED; EHS: N; %: 100; CAS#: 7440-37-1	GAS (PURE)	**MAX:** 230 **LARGEST:** 230 **AVG:** 230 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** L	CUFT	Pressure: > AMB.; Temp: AMBIENT	PRESSURE RELEASE ACUTE HEALTH
6.1	A	ARSENIC TRIOXIDE **CAS#:** 1327-53-3 **EHS:** YES	COMPONENT NAME: ARSENIC TRIOXIDE; EHS: Y; %: 100; CAS#: 1327-53-3	SOLID (PURE)	**MAX:** 0.1323 **LARGEST:** 0.1323 **AVG:** 0.1323 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M, K	LBS	Pressure: AMBIENT; Temp: AMBIENT	ACUTE HEALTH CHRONIC HEALTH
9	A	BETADINE **CAS#:** 25655-41-8 **EHS:** NO	COMPONENT NAME: BETADINE; EHS: N; %: 100; CAS#: 25655-41-8	LIQUID (PURE)	**MAX:** 0.0003 **LARGEST:** 0.1321 **AVG:** 0.0003 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	GAL	Pressure: AMBIENT; Temp: AMBIENT	NONE
0	A	CALCIUM CARBONATE **CAS#:** 471-34-1 **EHS:** NO	COMPONENT NAME: CALCIUM CARBONATE; EHS: N; %: 100; CAS#: 471-34-1	SOLID (PURE)	**MAX:** 0.5 **LARGEST:** 1 **AVG:** 0.5 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** N	LBS	Pressure: AMBIENT; Temp: AMBIENT	ACUTE HEALTH
0	A	CALCIUM CARBONATE POWDER **CAS#:** 471-34-1 **EHS:** NO	COMPONENT NAME: CALCIUM CARBONATE POWDER; EHS: N; %: 100; CAS#: 471-34-1	SOLID (MIXTURE)	**MAX:** 0.0006 **LARGEST:** 0.0022 **AVG:** 0.0006 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** N	LBS	Pressure: AMBIENT; Temp: AMBIENT	NONE

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BUSINESS NAME: Underwriters Laboratories Inc. | **DATE:** 10/27/2005 | **PAGE:** 6 of 22

LOCATION: Chemical/Analytical Lab | **EPCRA CONFIDENTIAL:** NO | **TRADE SECRET:** NO | **FACILITY ID#:** 43-060-TMP117

1. Hazard Class	2. Grid Code	3. Common Name	4. Hazardous Components	5. Phys. State	6. Quantities	7. Units	8. Storage Codes	9. Haz. Categories
9	A	CALCIUM CHLORIDE **CAS#:** 10835-04-8 **EHS:** NO	COMPONENT NAME: CALCIUM CHLORIDE; EHS: N; %: 100; CAS#: 10835-04-8	SOLID (PURE)	**MAX:** 0.0006 **LARGEST:** 0.0022 **AVG:** 0.0006 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** N	LBS	Pressure: AMBIENT Temp: AMBIENT	ACUTE HEALTH
0	A	CALCIUM CHLORIDE ANHY **CAS#:** 10043-52-4 **EHS:** NO	COMPONENT NAME: CALCIUM CHLORIDE ANHY; EHS: N; %: 100; CAS#: 10043-52-4	SOLID (MIXTURE)	**MAX:** 0.0022 **LARGEST:** 0.0022 **AVG:** 0.0022 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M, N	LBS	Pressure: AMBIENT Temp: AMBIENT	ACUTE HEALTH
0	A	CALCIUM CHLORIDE, HEXAHYDRATE **CAS#:** 7774-34-7 **EHS:** NO	COMPONENT NAME: CALCIUM CHLORIDE, HEXAHYD...; EHS: N; %: 100; CAS#: 7774-34-7	SOLID (MIXTURE)	**MAX:** 1.1023 **LARGEST:** 2.2046 **AVG:** 1.1023 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** N	LBS	Pressure: AMBIENT Temp: AMBIENT	ACUTE HEALTH
8	A	CALCIUM HYDROXIDE **CAS#:** 1305-62-0 **EHS:** NO	COMPONENT NAME: CALCIUM HYDROXIDE; EHS: N; %: 100; CAS#: 1305-62-0	SOLID (PURE)	**MAX.** 0.0028 **LARGEST:** 0.0044 **AVG:** 0.0028 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	LBS	Pressure: AMBIENT Temp: AMBIENT	NONE
5.1	A	CALCIUM NITRATE TETRAHYDRATE, 99%, A.C.S. **CAS#:** 13477-34-4 **EHS:** NO	COMPONENT NAME: CALCIUM NITRATE TETRAHYDR...; EHS: N; %: 100; CAS#: 13477-34-4	LIQUID (MIXTURE)	**MAX:** 0.0011 **LARGEST:** 0.0022 **AVG:** 0.0011 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	LBS	Pressure: AMBIENT Temp: AMBIENT	FIRE ACUTE HEALTH
0	A	CALCIUM OXALATE HYDRATE **CAS#:** 5794-28-5 **EHS:** NO	COMPONENT NAME: CALCIUM OXALATE HYDRATE; EHS: N; %: 100; CAS#: 5794-28-5	SOLID (MIXTURE)	**MAX:** 0.0022 **LARGEST:** 0.0022 **AVG:** 0.0022 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	LBS	Pressure: AMBIENT Temp: AMBIENT	FIRE ACUTE HEALTH

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BUSINESS NAME: Underwriters Laboratories Inc. | **DATE:** 10/27/2005 | **PAGE:** 7 of 22

LOCATION: Chemical/Analytical Lab | **EPCRA CONFIDENTIAL:** NO | **TRADE SECRET:** NO | **FACILITY ID#:** 43-060-TMP117

1. Hazard Class	2. Grid Code	3. Common Name	4. Hazardous Components	5. Phys. State	6. Quantities	7. Units	8. Storage Codes	9. Haz. Cat
8	A	CALCIUM OXIDE, 98% **CAS#:** 1305-78-8 **EHS:** NO	COMPONENT NAME: CALCIUM OXIDE, 98% — EHS: N — %: 100 — CAS#: 1305-78-8	SOLID (MIXTURE)	**MAX:** 0.0011 **LARGEST:** 0.0022 **AVG:** 0.0011 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** N	LBS	Pressure: AMBIENT Temp: AMBIENT	ACUTE HEA
0	A	CALCIUM STEARATE **CAS#:** 1592-23-0 **EHS:** NO	COMPONENT NAME: CALCIUM STEARATE — EHS: N — %: 100 — CAS#: 1592-23-0	SOLID (PURE)	**MAX:** 0.0006 **LARGEST:** 0.0022 **AVG:** 0.0006 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** N	LBS	Pressure: AMBIENT Temp: AMBIENT	NONE
6.1	A	CARBON TETRACHLORIDE **CAS#:** 56-23-5 **EHS:** NO	COMPONENT NAME: CARBON TETRACHLORIDE — EHS: N — %: 100 — CAS#: 56-23-5	LIQUID (PURE)	**MAX:** 0.0002 **LARGEST:** 0.0003 **AVG:** 0.0002 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	GAL	Pressure: AMBIENT Temp: AMBIENT	ACUTE HEA CHRONIC H
0	A	CARBOXYMETHYLCELLULOSE SODIUM **CAS#:** 9004-32-4 **EHS:** NO	COMPONENT NAME: CARBOXYMETHYLCELLULOSE SO... — EHS: N — %: 100 — CAS#: 9004-32-4	SOLID (MIXTURE)	**MAX:** 1.1023 **LARGEST:** 2.2046 **AVG:** 1.1023 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** N	LBS	Pressure: AMBIENT Temp: AMBIENT	NONE
6.1	A	CHLOROFORM, ANHYDREOUS, 99+% **CAS#:** 67-66-3 **EHS:** YES	COMPONENT NAME: CHLOROFORM — EHS: Y — %: 100 — CAS#: 67-66-3	LIQUID (PURE)	**MAX:** 1.0567 **LARGEST:** 1.0567 **AVG:** 1.0567 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	GAL	Pressure: AMBIENT Temp: AMBIENT	ACUTE HEA CHRONIC H
5.1	A	CHROMIUM(VI) OXIDE, 99+% **CAS#:** 1333-82-0 **EHS:** NO	COMPONENT NAME: CHROMIC ACID — EHS: N — %: 100 — CAS#: 1333-82-0	SOLID (PURE)	**MAX:** 1.1023 **LARGEST:** 2.2046 **AVG:** 1.1023 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	LBS	Pressure: AMBIENT Temp: AMBIENT	REACTIVE ACUTE HEA CHRONIC H

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LOCATION: Chemical/Analytical Lab | **EPCRA CONFIDENTIAL:** NO | **TRADE SECRET:** NO | **FACILITY ID#:** 43-060-TMP117

1. Hazard Class	2. Grid Code	3. Common Name	4. Hazardous Components	5. Phys. State	6. Quantities	7. Units	8. Storage Codes	9. Haz. Categories
0	A	CITRIC ACID **CAS#:** 5949-29-1 **EHS:** NO	COMPONENT NAME: CITRIC ACID; EHS: N; %: 100; CAS#: 5949-29-1	SOLID (PURE)	**MAX:** 0.1321 **LARGEST:** 0.2642 **AVG:** 0.1321 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	GAL	Pressure: AMBIENT Temp: AMBIENT	ACUTE HEALTH
0	A	COPPER METAL **CAS#:** COPPER METAL **EHS:** NO	COMPONENT NAME: COPPER METAL; EHS: N; %: 100; CAS#: COPPER METAL	SOLID (MIXTURE)	**MAX:** 0.25 **LARGEST:** .5 **AVG:** 0.25 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** K	LBS	Pressure: AMBIENT Temp: AMBIENT	FIRE ACUTE HEALTH CHRONIC HEALTH
9	A	CUPRIC CHLORIDE, DIHYDRATE **CAS#:** 10125-13-0 **EHS:** NO	COMPONENT NAME: CUPRIC CHLORIDE, DIHYDRAT...; EHS: N; %: 100; CAS#: 10125-13-0	SOLID (PURE)	**MAX:** 0.0017 **LARGEST:** 0.0022 **AVG:** 0.0017 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	LBS	Pressure: AMBIENT Temp: AMBIENT	NONE
9	A	CUPRIC OXIDE **CAS#:** 1317-38-0 **EHS:** NO	COMPONENT NAME: COPPER (II) OXIDE; EHS: N; %: 100; CAS#: 1317-38-0	SOLID (PURE)	**MAX:** 0.0017 **LARGEST:** 0.0022 **AVG:** 0.0017 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	LBS	Pressure: AMBIENT Temp: AMBIENT	NONE
9	A	CUPRIC SULFATE HYDRATE **CAS#:** 7758-99-8 **EHS:** NO	COMPONENT NAME: COPPER (II) SULFATE PENTAHYDRATE; EHS: N; %: 100; CAS#: 7758-99-8	SOLID (PURE)	**MAX:** 1.1023 **LARGEST:** 2.2046 **AVG:** 1.1023 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	LBS	Pressure: AMBIENT Temp: AMBIENT	ACUTE HEALTH CHRONIC HEALTH
9	A	CYANURIC ACID **CAS#:** 108-80-5 **EHS:** NO	COMPONENT NAME: 1,3,5-TRIAZINE-2,4,6 (1H,3...; EHS: N; %: 100; CAS#: 108-80-5	SOLID (PURE)	**MAX:** 0.0017 **LARGEST:** 1.1023 **AVG:** 0.0017 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	LBS	Pressure: AMBIENT Temp: AMBIENT	NONE

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LOCATION: Chemical/Analytical Lab | **EPCRA CONFIDENTIAL:** NO | **TRADE SECRET:** NO | **FACILITY ID#:** 43-060-TMP117

1. Hazard Class	2. Grid Code	3. Common Name	4. Hazardous Components	5. Phys. State	6. Quantities	7. Units	8. Storage Codes	9. Haz. Categories
3	A	DENATURED ALCOHOL **CAS#:** NONE **EHS:** NO	COMPONENT NAME: DENATURED ALCOHOL; EHS: N; %: 100; CAS#:	LIQUID (PURE)	**MAX:** 0.0156 **LARGEST:** 1 **AVG:** 0.0156 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	LBS	Pressure: AMBIENT Temp: AMBIENT	FIRE ACUTE HEALTH CHRONIC HEALTH
3	A	DICHLOROBENZENE, O- **CAS#:** 95-50-1 **EHS:** NO	COMPONENT NAME: DICHLOROBENZENE, O-; EHS: N; %: 100; CAS#: 95-50-1	LIQUID (PURE)	**MAX:** 0.2642 **LARGEST:** 0.2642 **AVG:** 0.2642 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	GAL	Pressure: AMBIENT Temp: AMBIENT	NONE
9	A	DRIERITE **CAS#:** 7778-18-9 **EHS:** NO	COMPONENT NAME: DRIERITE; EHS: N; %: 100; CAS#: 7778-18-9	SOLID (PURE)	**MAX:** 0.0006 **LARGEST:** 0.0022 **AVG:** 0.0006 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** N	LBS	Pressure: AMBIENT Temp: AMBIENT	NONE
3	A	ETHYL (S)-(-)-LACTATE, 98% **CAS#:** 687-47-8 **EHS:** NO	COMPONENT NAME: ETHYL (S)-(-)-LACTATE; EHS: N; %: 100; CAS#: 687-47-8	LIQUID (MIXTURE)	**MAX:** 1.1023 **LARGEST:** 1.1023 **AVG:** 1.1023 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	LBS	Pressure: AMBIENT Temp: AMBIENT	FIRE
3	A	ETHYL ACETATE **CAS#:** 141-78-6 **EHS:** NO	COMPONENT NAME: ETHYL ACETATE; EHS: N; %: 100; CAS#: 141-78-6	LIQUID (PURE)	**MAX:** 0.0001 **LARGEST:** 0.1321 **AVG:** 0.0001 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	GAL	Pressure: AMBIENT Temp: AMBIENT	FIRE ACUTE HEALTH
0	A	ETHYLENE GLYCOL **CAS#:** 107-21-1 **EHS:** NO	COMPONENT NAME: ETHYLENE GLYCOL; EHS: N; %: 90-100; CAS#: 107-21-1	LIQUID (PURE)	**MAX:** 0.1321 **LARGEST:** 0.2642 **AVG:** 0.1321 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	GAL	Pressure: AMBIENT Temp: AMBIENT	ACUTE HEALTH CHRONIC HEALTH

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LOCATION: Chemical/Analytical Lab | **EPCRA CONFIDENTIAL:** NO | **TRADE SECRET:** NO | **FACILITY ID#:** 43-060-TMP117

1. Hazard Class	2. Grid Code	3. Common Name	4. Hazardous Components	5. Phys. State	6. Quantities	7. Units	8. Storage Codes	9. Haz. Categories
9	A	ETHYLENEDIAMINE TETRAACETIC ACID **CAS#:** 6381-92-6 **EHS:** NO	COMPONENT NAME: ETHYLENEDIAMINE TETRAACET... / EHS: N / %: 100 / CAS#: 6381-92-6	SOLID (PURE)	**MAX:** 0.1102 **LARGEST:** 1.1023 **AVG:** 0.1102 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	LBS	Pressure: AMBIENT Temp: AMBIENT	NONE
8	A	FERRIC CHLORIDE **CAS#:** 7705-08-0 **EHS:** NO	COMPONENT NAME: FERRIC CHLORIDE POWDER / EHS: N / %: 100 / CAS#: 7705-08-0	SOLID (PURE)	**MAX:** 1 **LARGEST:** 1 **AVG:** 1 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	LBS	Pressure: AMBIENT Temp: AMBIENT	ACUTE HEALTH
3	A	HEPTANE **CAS#:** 142-82-5 **EHS:** NO	COMPONENT NAME: HEPTANE / EHS: N / %: 100 / CAS#: 142-82-5	LIQUID (PURE)	**MAX:** 0.2642 **LARGEST:** 1.0567 **AVG:** 0.2642 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	GAL	Pressure: AMBIENT Temp: AMBIENT	FIRE ACUTE HEALTH
3	A	HEXANE, 95% **CAS#:** 110-54-3 **EHS:** NO	COMPONENT NAME: ISOPROPANOL / EHS: N / %: 15 / CAS#: 67-63-0	LIQUID (PURE)	**MAX:** 0.2642 **LARGEST:** 1.0567 **AVG:** 0.2642 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	GAL	Pressure: AMBIENT Temp: AMBIENT	FIRE
9	A	HIPPURIC ACID **CAS#:** 495-69-2 **EHS:** NO	COMPONENT NAME: HIPPURIC ACID / EHS: N / %: 100 / CAS#: 495-69-2	SOLID (PURE)	**MAX:** 0.1102 **LARGEST:** 0.2205 **AVG:** 0.1102 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	LBS	Pressure: AMBIENT Temp: AMBIENT	NONE
3	A	HYDRAULIC OIL **CAS#:** NONE **EHS:** NO	COMPONENT NAME: HYDRAULIC OIL / EHS: N / %: 100 / CAS#:	LIQUID (PURE)	**MAX:** 0.25 **LARGEST:** 0.25 **AVG:** 0.25 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** N	GAL	Pressure: AMBIENT Temp: AMBIENT	FIRE

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BUSINESS NAME: Underwriters Laboratories Inc. | **DATE:** 10/27/2005 | **PAGE:** 11 of 22

LOCATION: Chemical/Analytical Lab | **EPCRA CONFIDENTIAL:** NO | **TRADE SECRET:** NO | **FACILITY ID#:** 43-060-TMP117

1. Hazard Class	2. Grid Code	3. Common Name	4. Hazardous Components	5. Phys. State	6. Quantities	7. Units	8. Storage Codes	9. Haz. Categories
8	A	HYDROCHLORIC ACID **CAS#:** 7647-21-0 **EHS:** NO	COMPONENT NAME: HYDROCHLORIC ACID; EHS: N; %: 100; CAS#: 7647-21-0	LIQUID (PURE)	**MAX:** 1.0587 **LARGEST:** 2.1134 **AVG:** 1.0587 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	GAL	Pressure: AMBIENT Temp: AMBIENT	ACUTE HEALTH CHRONIC HEALTH
5.1	A	HYDROGEN PEROXIDE **CAS#:** NA **EHS:** NO	COMPONENT NAME: WATER; EHS: N; %: 70; CAS#: 7732-18-5	LIQUID (MIXTURE)	**MAX:** 0.2642 **LARGEST:** 0.9775 **AVG:** 0.2642 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** N	GAL	Pressure: AMBIENT Temp: AMBIENT	FIRE REACTIVE ACUTE HEALTH
0	A	IRON (II, III) OXIDE **CAS#:** 1317-61-9 **EHS:** NO	COMPONENT NAME: IRON (II, III) OXIDE; EHS: N; %: 100; CAS#: 1317-61-9	SOLID (MIXTURE)	**MAX:** 1.1023 **LARGEST:** 1.1023 **AVG:** 1.1023 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** N	LBS	Pressure: AMBIENT Temp: AMBIENT	ACUTE HEALTH
8	A	IRON (III) CHLORIDE, SOLID **CAS#:** 7705-08-0 **EHS:** NO	COMPONENT NAME: FERRIC CHLORIDE; EHS: N; %: 100; CAS#: 7705-08-0	LIQUID (MIXTURE)	**MAX:** 0.2205 **LARGEST:** 1.1023 **AVG:** 0.2205 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	LBS	Pressure: AMBIENT Temp: AMBIENT	ACUTE HEALTH
3	A	KEROSENE **CAS#:** 8008-20-6 **EHS:** NO	COMPONENT NAME: KEROSENE; EHS: N; %: 100; CAS#: 8008-20-6	LIQUID (PURE)	**MAX:** 0.2642 **LARGEST:** 1.0587 **AVG:** 0.2642 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** F	GAL	Pressure: AMBIENT Temp: AMBIENT	FIRE
3	A	MACHINE OIL **CAS#:** NONE **EHS:** NO	COMPONENT NAME: MACHINE OIL; EHS: N; %: 100; CAS#:	LIQUID (MIXTURE)	**MAX:** 0.25 **LARGEST:** 0.25 **AVG:** 0.25 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** F	GAL	Pressure: AMBIENT Temp: AMBIENT	FIRE

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BUSINESS NAME: Underwriters Laboratories Inc. | **DATE:** 10/27/2005 | **PAGE:** 12 of 22

LOCATION: Chemical/Analytical Lab | **EPCRA CONFIDENTIAL:** NO | **TRADE SECRET:** NO | **FACILITY ID#:** 43-060-TMP117

1. Hazard Class	2. Grid Code	3. Common Name	4. Hazardous Components	5. Phys. State	6. Quantities	7. Units	8. Storage Codes	9. Haz. Categories
9	A	MAGNESIUM CHLORIDE HEXAHYDRATE **CAS#:** 7791-18-6 **EHS:** NO	COMPONENT NAME: MAGNESIUM CHLORIDE HEXAHY... / EHS: N / %: 100 / CAS#: 7791-18-6	SOLID (PURE)	**MAX:** 1.1034 **LARGEST:** 1.1023 **AVG:** 1.1034 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** N	LBS	Pressure: AMBIENT Temp: AMBIENT	ACUTE HEALTH
9	A	MAGNESIUM HYDROXIDE **CAS#:** 1309-42-8 **EHS:** NO	COMPONENT NAME: MAGNESIUM HYDROXIDE / EHS: N / %: 100 / CAS#: 1309-42-8	LIQUID (PURE)	**MAX:** 1.1023 **LARGEST:** 1.1023 **AVG:** 1.1023 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	LBS	Pressure: AMBIENT Temp: AMBIENT	ACUTE HEALTH
9	A	MAGNESIUM OXIDE **CAS#:** 1309-48-4 **EHS:** NO	COMPONENT NAME: MAGNESIUM OXIDE / EHS: N / %: 100 / CAS#: 1309-48-4	LIQUID (PURE)	**MAX:** 1.1023 **LARGEST:** 1.1023 **AVG:** 1.1023 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** N	LBS	Pressure: AMBIENT Temp: AMBIENT	REACTIVE ACUTE HEALTH
9	A	MAGNESIUM SULFATE HEPTAHYDRATE **CAS#:** 10034-99-8 **EHS:** NO	COMPONENT NAME: MAGNESIUM SULFATE HEPTAHY... / EHS: N / %: 100 / CAS#: 10034-99-8	SOLID (PURE)	**MAX:** 0.0017 **LARGEST:** 0.5512 **AVG:** 0.0017 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** N	LBS	Pressure: AMBIENT Temp: AMBIENT	NONE
3	A	META-CRESOL **CAS#:** 108-39-4 **EHS:** NO	COMPONENT NAME: META-CRESOL / EHS: N / %: 100 / CAS#: 108-39-4	LIQUID (PURE)	**MAX:** 0.2642 **LARGEST:** 0.2642 **AVG:** 0.2642 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	GAL	Pressure: AMBIENT Temp: AMBIENT	FIRE CHRONIC HEALTH
3	A	METHANOL **CAS#:** 67-56-1 **EHS:** NO	COMPONENT NAME: METHANOL / EHS: N / %: 100 / CAS#: 67-56-1	LIQUID (PURE)	**MAX:** 1.0567 **LARGEST:** 2.1134 **AVG:** 1.0567 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** F	GAL	Pressure: AMBIENT Temp: AMBIENT	FIRE ACUTE HEALTH

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LOCATION: Chemical/Analytical Lab | **EPCRA CONFIDENTIAL:** NO | **TRADE SECRET:** NO | **FACILITY ID#:** 43-060-TMP117

1. Hazard Class	2. Grid Code	3. Common Name	4. Hazardous Components	5. Phys. State	6. Quantities	7. Units	8. Storage Codes	9. Haz. Categories
3	A	METHYL ALCOHOL (99.8%) **CAS#:** 67-56-1 **EHS:** NO	COMPONENT NAME: METHANOL; EHS: N; %: 100; CAS#: 67-56-1	LIQUID (PURE)	**MAX:** 0.0001 **LARGEST:** 0.1321 **AVG:** 0.0001 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	GAL	Pressure: AMBIENT Temp: AMBIENT	FIRE ACUTE HEALTH
9	A	METHYL ORANGE **CAS#:** 547-58-0 **EHS:** NO	COMPONENT NAME: METHYL ORANGE; EHS: N; %: 100; CAS#: 547-58-0	SOLID (PURE)	**MAX:** 0.0002 **LARGEST:** 0.0264 **AVG:** 0.0002 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	GAL	Pressure: AMBIENT Temp: AMBIENT	NONE
9	A	METHYL RED **CAS#:** 845-10-3 **EHS:** NO	COMPONENT NAME: METHYL RED; EHS: N; %: 100; CAS#: 845-10-3	SOLID (PURE)	**MAX:** 0.0002 **LARGEST:** 0.0264 **AVG:** 0.0002 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** N	GAL	Pressure: AMBIENT Temp: AMBIENT	NONE
0	A	NAPHTHA **CAS#:** 64741-65-7 **EHS:** NO	COMPONENT NAME: NAPHTHA; EHS: N; %: 100; CAS#: 64741-65-7	SOLID (PURE)	**MAX:** 0.125 **LARGEST:** 0.25 **AVG:** 0.125 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	GAL	Pressure: AMBIENT Temp: AMBIENT	NONE
8	A	NITRIC ACID **CAS#:** 7697-37-2 **EHS:** NO	COMPONENT NAME: NITRIC ACID; EHS: N; %: 86-100; CAS#: 7697-37-2	LIQUID (PURE)	**MAX:** 0.0001 **LARGEST:** 0.0264 **AVG:** 0.0001 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	GAL	Pressure: AMBIENT Temp: AMBIENT	REACTIVE ACUTE HEALTH CHRONIC HEALTH
2.2	A	NITROGEN GAS COMPRESSED **CAS#:** 7727-37-9 **EHS:** NO	COMPONENT NAME: NITROGEN; EHS: N; %: 100; CAS#: 7727-37-9	GAS (PURE)	**MAX:** 220 **LARGEST:** 220 **AVG:** 220 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** L	CUFT	Pressure: > AMB. Temp: AMBIENT	PRESSURE RELEASE ACUTE HEALTH

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BUSINESS NAME: Underwriters Laboratories Inc. | **DATE:** 10/27/2005 | **PAGE:** 14 of 22

LOCATION: Chemical/Analytical Lab | **EPCRA CONFIDENTIAL:** NO | **TRADE SECRET:** NO | **FACILITY ID#:** 43-060-TMP117

1. Hazard Class	2. Grid Code	3. Common Name	4. Hazardous Components	5. Phys. State	6. Quantities	7. Units	8. Storage Codes	9. Haz. Categories
8	A	ORTHO-PHOSPHORIC ACID **CAS#:** 7664-38-2 **EHS:** NO	COMPONENT NAME: ORTHO-PHOSPHORIC ACID; EHS: N; %: 100; CAS#: 7664-38-2	LIQUID (MIXTURE)	**MAX:** 0.2205 **LARGEST:** 0.2205 **AVG:** 0.2205 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** N	LBS	Pressure: AMBIENT; Temp: AMBIENT	FIRE ACUTE HEALTH
0	A	PARAFFIN WAX **CAS#:** 8002-74-2 **EHS:** NO	COMPONENT NAME: PARAFFIN; EHS: N; %: 100; CAS#: 8002-74-2	SOLID (PURE)	**MAX:** 2.2046 **LARGEST:** 2.2046 **AVG:** 2.2046 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** K	LBS	Pressure: AMBIENT; Temp: AMBIENT	NONE
0	A	POTASSIUM CARBONATE, 99% **CAS#:** 584-08-7 **EHS:** NO	COMPONENT NAME: POTASSIUM CARBONATE, 99%; EHS: N; %: 100; CAS#: 584-08-7	SOLID (MIXTURE)	**MAX:** 0.0017 **LARGEST:** 1.1023 **AVG:** 0.0017 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** N	LBS	Pressure: AMBIENT; Temp: AMBIENT	NONE
0	A	POTASSIUM CHLORIDE ACS REAGENT **CAS#:** 7447-40-7 **EHS:** NO	COMPONENT NAME: POTASSIUM CHLORIDE ACS RE...; EHS: N; %: 100; CAS#: 7447-40-7	SOLID (MIXTURE)	**MAX:** 0.0022 **LARGEST:** 1.1023 **AVG:** 0.0022 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	LBS	Pressure: AMBIENT; Temp: AMBIENT	NONE
9	A	POTASSIUM HYDROGEN PHTHALATE **CAS#:** 877-24-7 **EHS:** NO	COMPONENT NAME: POTASSIUM HYDROGEN PHTHAL...; EHS: N; %: 100; CAS#: 877-24-7	SOLID (PURE)	**MAX:** 0.0011 **LARGEST:** 0.2205 **AVG:** 0.0011 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	LBS	Pressure: AMBIENT; Temp: AMBIENT	NONE
0	A	POTASSIUM HYDROGENCARBONATE **CAS#:** 298-14-6 **EHS:** NO	COMPONENT NAME: POTASSIUM HYDROGENCARBONA...; EHS: N; %: 100; CAS#: 298-14-6	SOLID (MIXTURE)	**MAX:** 2.2046 **LARGEST:** 5.5115 **AVG:** 2.2046 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** N	LBS	Pressure: AMBIENT; Temp: AMBIENT	ACUTE HEALTH

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BUSINESS NAME: Underwriters Laboratories Inc. | **DATE:** 10/27/2005 | **PAGE:** 15 of 22

LOCATION: Chemical/Analytical Lab | **EPCRA CONFIDENTIAL:** NO | **TRADE SECRET:** NO | **FACILITY ID#:** 43-060-TMP117

1. Hazard Class	2. Grid Code	3. Common Name	4. Hazardous Components	5. Phys. State	6. Quantities	7. Units	8. Storage Codes	9. Haz. Categories
8	A	POTASSIUM PERMANGANATE, 99%, A.C.S. REAGENT **CAS#:** 7722-64-7 **EHS:** NO	COMPONENT NAME: POTASSIUM PERMANGANATE, 9... / EHS: N / %: 100 / CAS#: 7722-64-7	SOLID (PURE)	**MAX:** 0.0022 **LARGEST:** 1.1023 **AVG:** 0.0022 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** N	LBS	Pressure: AMBIENT Temp: AMBIENT	NONE
9	A	POTASSIUM PYROPHOSPHATE, 97% **CAS#:** 7320-34-5 **EHS:** NO	COMPONENT NAME: POTASSIUM PYROPHOSPHATE / EHS: N / %: 100 / CAS#: 7320-34-5	SOLID (PURE)	**MAX:** 0.0022 **LARGEST:** 1.1023 **AVG:** 0.0022 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	LBS	Pressure: AMBIENT Temp: AMBIENT	NONE
9	A	POTASSIUM SODIUM TARTRATE TETRAHYDRATE **CAS#:** 6381-59-5 **EHS:** NO	COMPONENT NAME: POTASSIUM SODIUM TARTRATE... / EHS: N / %: 100 / CAS#: 6381-59-5	LIQUID (PURE)	**MAX:** 0.0006 **LARGEST:** 0.2205 **AVG:** 0.0006 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	LBS	Pressure: AMBIENT Temp: AMBIENT	ACUTE HEALTH
0	A	POTASSIUM SULFATE **CAS#:** 7778-80-5 **EHS:** NO	COMPONENT NAME: POTASSIUM SULFATE / EHS: N / %: 100 / CAS#: 7778-80-5	SOLID (MIXTURE)	**MAX:** 0.0006 **LARGEST:** 0.022 **AVG:** 0.0006 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	LBS	Pressure: AMBIENT Temp: AMBIENT	NONE
8	A	PYRIDINE, ANHYDREOUS, 99.8% **CAS#:** 110-86-1 **EHS:** NO	COMPONENT NAME: PYRIDINE, 99+%, SPECTROPH... / EHS: N / %: 100 / CAS#: 110-86-1	LIQUID (PURE)	**MAX:** 0.0001 **LARGEST:** 0.0264 **AVG:** 0.0001 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	GAL	Pressure: AMBIENT Temp: AMBIENT	NONE
5.1	A	SILVER NITRATE 99.998 % **CAS#:** 7761-88-8 **EHS:** NO	COMPONENT NAME: SILVER NITRATE / EHS: N / %: 100 / CAS#: 7761-88-8	SOLID (PURE)	**MAX:** 0.0006 **LARGEST:** 0.2205 **AVG:** 0.0006 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	LBS	Pressure: AMBIENT Temp: AMBIENT	FIRE ACUTE HEALTH CHRONIC HEALTH

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LOCATION: Chemical/Analytical Lab | **EPCRA CONFIDENTIAL:** NO | **TRADE SECRET:** NO | **FACILITY ID#:** 43-060-TMP117

1. Hazard Class	2. Grid Code	3. Common Name	4. Hazardous Components	5. Phys. State	6. Quantities	7. Units	8. Storage Codes	9. Haz. Categories
9	A	SODIUM ACETATE **CAS#:** 6131-90-4 **EHS:** NO	COMPONENT NAME: SODIUM ACETATE; EHS: N; %: 100; CAS#: 6131-90-4	SOLID (PURE)	**MAX:** 0.25 **LARGEST:** 25 **AVG:** 0.25 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	LBS	Pressure: AMBIENT Temp: AMBIENT	ACUTE HEALTH
9	A	SODIUM BISULFITE **CAS#:** 7631-90-5 **EHS:** NO	COMPONENT NAME: SODIUM BISULFITE; EHS: N; %: 100; CAS#: 7631-90-5	SOLID (PURE)	**MAX:** 0.25 **LARGEST:** 1 **AVG:** 0.5 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	LBS	Pressure: AMBIENT Temp: AMBIENT	ACUTE HEALTH
6.1	A	SODIUM BROMIDE **CAS#:** 7647-15-6 **EHS:** NO	COMPONENT NAME: SODIUM BROMIDE; EHS: N; %: 100; CAS#: 7647-15-6	SOLID (PURE)	**MAX:** 0.0006 **LARGEST:** 0.2205 **AVG:** 0.0006 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	LBS	Pressure: AMBIENT Temp: AMBIENT	ACUTE HEALTH CHRONIC HEALTH
0	A	SODIUM CARBONATE ANHYDROUS **CAS#:** 497-19-8 **EHS:** NO	COMPONENT NAME: SODIUM CARBONATE ANHYDROU...; EHS: N; %: 100; CAS#: 497-19-8	SOLID (PURE)	**MAX:** 0.0033 **LARGEST:** 1.1023 **AVG:** 0.0033 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	LBS	Pressure: AMBIENT Temp: AMBIENT	NONE
0	A	SODIUM HYDROGEN CARBONATE **CAS#:** 144-55-8 **EHS:** NO	COMPONENT NAME: SODIUM BICARBONATE; EHS: N; %: 100; CAS#: 144-55-8	SOLID (PURE)	**MAX:** 0.0017 **LARGEST:** 0.1102 **AVG:** 0.0017 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	LBS	Pressure: AMBIENT Temp: AMBIENT	REACTIVE ACUTE HEALTH CHRONIC HEALTH
9	A	SODIUM PHOSPHATE **CAS#:** 7601-54-9 **EHS:** NO	COMPONENT NAME: TRISODIUM PHOSPHATE; EHS: N; %: 100; CAS#: 7601-54-9	SOLID (MIXTURE)	**MAX:** 0.0006 **LARGEST:** 1.1023 **AVG:** 0.0006 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	LBS	Pressure: AMBIENT Temp: AMBIENT	NONE

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LOCATION: Chemical/Analytical Lab | **EPCRA CONFIDENTIAL:** NO | **TRADE SECRET:** NO | **FACILITY ID#:** 43-060-TMP117

1. Hazard Class	2. Grid Code	3. Common Name	4. Hazardous Components	5. Phys. State	6. Quantities	7. Units	8. Storage Codes	9. Haz. Categories
9	A	SODIUM SULFATE, ANHYDROUS **CAS#:** 7757-82-6 **EHS:** NO	COMPONENT NAME: SODIUM SULFATE ANHYDROUS; EHS: N; %: 100; CAS#: 7757-82-6	SOLID (PURE)	**MAX:** 0.0011 **LARGEST:** 1.1023 **AVG:** 0.0011 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	LBS	Pressure: AMBIENT Temp: AMBIENT	ACUTE HEALTH CHRONIC HEALTH
0	A	SODIUM SULFITE ANHYDROUS **CAS#:** 7757-83-7 **EHS:** NO	COMPONENT NAME: SODIUM SULFITE ANHYDROUS; EHS: N; %: 100; CAS#: 7757-83-7	SOLID (MIXTURE)	**MAX:** 1.1023 **LARGEST:** 5.5115 **AVG:** 1.1023 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	LBS	Pressure: AMBIENT Temp: AMBIENT	ACUTE HEALTH
0	A	SODIUM TETRABORATE DECAHYDRATE **CAS#:** 1303-96-4 **EHS:** NO	COMPONENT NAME: SODIUM TETRABORATE DECAHY...; EHS: N; %: 100; CAS#: 1303-96-4	SOLID (MIXTURE)	**MAX:** 0.0017 **LARGEST:** 1.1023 **AVG:** 0.0017 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	LBS	Pressure: AMBIENT Temp: AMBIENT	ACUTE HEALTH
9	A	SODIUM XYLENESULFONATE **CAS#:** 1300-72-7 **EHS:** NO	COMPONENT NAME: SODIUM XYLENESULFONATE; EHS: N; %: 100; CAS#: 1300-72-7	LIQUID (PURE)	**MAX:** 0.0006 **LARGEST:** 0.2205 **AVG:** 0.0006 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	LBS	Pressure: AMBIENT Temp: AMBIENT	ACUTE HEALTH
9	A	STEARIC ACID **CAS#:** 57-11-4 **EHS:** NO	COMPONENT NAME: STEARIC ACID; EHS: N; %: 100; CAS#: 57-11-4	SOLID (PURE)	**MAX:** 0.011 **LARGEST:** 0.022 **AVG:** 0.0011 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	LBS	Pressure: AMBIENT Temp: AMBIENT	NONE
0	A	STRONTIUM CHLORIDE HEXAHYDRATE **CAS#:** 10025-70-1 **EHS:** NO	COMPONENT NAME: STRONTIUM CHLORIDE HEXAHY...; EHS: N; %: 100; CAS#: 10025-70-1	SOLID (MIXTURE)	**MAX:** 0.0011 **LARGEST:** 1.1023 **AVG:** 0.0011 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** M	LBS	Pressure: AMBIENT Temp: AMBIENT	ACUTE HEALTH

STORAGE CONTAINER CODES

A = Aboveground Tank; B = Belowground Tank; C = Tank Inside Building; D = Steel Drum; E = Plastic/Nonmetallic Drum; F = Can; G = Carboy; H = Silo; I = Fiber Drum; J = Bag; K = Box; L = Cylinder; M = Glass Bottle or Jug; N = Plastic Bottle or Jug; O = Tote Bin; P = Tank Wagon; Q = Rail Car; R = Other

OTHER ABBREVIATIONS

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Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

BUSINESS NAME: Underwriters Laboratories Inc. | **DATE:** 10/27/2005 | **PAGE:** 18 of 22

LOCATION: Chemical/Analytical Lab | **EPCRA CONFIDENTIAL:** NO | **TRADE SECRET:** NO | **FACILITY ID#:** 43-060-TMP117

1. Hazard Class	2. Grid Code	3. Common Name	4. Hazardous Components	5. Phys. State	6. Quantities	7. Units	8. Storage Codes	9. Haz. Categories
8	A	SULFURIC ACID CAS#: 007664-93-9 EHS: NO	COMPONENT NAME: SULFURIC ACID; EHS: N; %: 100; CAS#: 007664-93-9	SOLID (PURE)	MAX: 0.3302 LARGEST: 0.5812 AVG: 0.3302 CURIES: 0 DAYS: 365 CONTAINERS: M	GAL	Pressure: AMBIENT Temp: AMBIENT	ACUTE HEALTH CHRONIC HEALTH
3	A	THF CAS#: 25265-68-3 EHS: NO	COMPONENT NAME: TETRAHYDROFURAN; EHS: N; %: 100; CAS#: 25265-68-3	LIQUID (PURE)	MAX: 0.0003 LARGEST: 0.1321 AVG: 0.0003 CURIES: 0 DAYS: 365 CONTAINERS: M	GAL	Pressure: AMBIENT Temp: AMBIENT	FIRE ACUTE HEALTH
9	A	TRISODIUM PHOSPHATE CAS#: 7601-54-9 EHS: NO	COMPONENT NAME: TRISODIUM PHOSPHATE; EHS: N; %: 100; CAS#: 7601-54-9	SOLID (MIXTURE)	MAX: 0.0003 LARGEST: 1.1023 AVG: 0.0003 CURIES: 0 DAYS: 365 CONTAINERS: M, K	LBS	Pressure: AMBIENT Temp: AMBIENT	NONE
3	A	TRITON X-100 CAS#: 9002-93-1 EHS: NO	COMPONENT NAME: TRITON X-100; EHS: N; %: 100; CAS#: 9002-93-1	LIQUID (PURE)	MAX: 0.2642 LARGEST: 0.2642 AVG: 0.2642 CURIES: 0 DAYS: 365 CONTAINERS: M	GAL	Pressure: AMBIENT Temp: AMBIENT	NONE
9	A	UREA CAS#: 57-13-6 EHS: NO	COMPONENT NAME: UREA; EHS: N; %: 100; CAS#: 57-13-6	SOLID (PURE)	MAX: 0.0022 LARGEST: 1.1023 AVG: 0.0022 CURIES: 0 DAYS: 365 CONTAINERS: M	LBS	Pressure: AMBIENT Temp: AMBIENT	ACUTE HEALTH CHRONIC HEALTH
9	A	URIC ACID CAS#: 69-93-2 EHS: NO	COMPONENT NAME: URIC ACID; EHS: N; %: 100; CAS#: 69-93-2	SOLID (PURE)	MAX: 0.0011 LARGEST: 0.2205 AVG: 0.0011 CURIES: 0 DAYS: 365 CONTAINERS: M	LBS	Pressure: AMBIENT Temp: AMBIENT	ACUTE HEALTH

STORAGE CONTAINER CODES

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Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

BUSINESS NAME: Underwriters Laboratories Inc. | **DATE:** 10/27/2005 | **PAGE:** 19 of 22

LOCATION: Emergency Generator | **EPCRA CONFIDENTIAL:** NO | **TRADE SECRET:** NO | **FACILITY ID#:** 43-060-TMP117

1. Hazard Class	2. Grid Code	3. Common Name	4. Hazardous Components	5. Phys. State	6. Quantities	7. Units	8. Storage Codes	9. Haz. Categories
3	G	DIESEL FUEL **CAS#:** 68334-30-5 **EHS:** NO	**COMPONENT NAME** / **EHS** / **%** / **CAS#** PETROLEUM HYDROCARBONS / N / 100 / 68334-30-5	LIQUID (PURE)	**MAX:** 214 **LARGEST:** 214 **AVG:** 214 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** A	GAL	**Pressure** **Temp** AMBIENT AMBIENT	FIRE CHRONIC HEALTH

STORAGE CONTAINER CODES

A = Aboveground Tank, B = Belowground Tank, C = Tank Inside Building, D = Steel Drum, E = Plastic/Nonmetallic Drum, F = Can, G = Carboy, H = Silo, I = Fiber Drum, J = Bag, K = Box, L = Cylinder, M = Glass Bottle or Jug, N = Plastic Bottle or Jug, O = Tote Bin, P = Tank Wagon, Q = Rail Car, R = Other

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Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

BUSINESS NAME: Underwriters Laboratories Inc. | **DATE:** 10/27/2005 | **PAGE:** 20 of 22

LOCATION: Facilities Shop | **EPCRA CONFIDENTIAL:** NO | **TRADE SECRET:** NO | **FACILITY ID#:** 43-060-TMP117

1. Hazard Class	2. Grid Code	3. Common Name	4. Hazardous Components	5. Phys. State	6. Quantities	7. Units	8. Storage Codes	9. Haz. Categories
3	D	GEAR OIL CAS#: NONE EHS: NO	GEAR OIL: EHS N, % 100, CAS#	LIQUID (PURE)	MAX: 9 LARGEST: 0.75 AVG: 9 CURIES: 0 DAYS: 365 CONTAINERS: N	LBS	Pressure: AMBIENT Temp: AMBIENT	FIRE CHRONIC HEALTH
3	D	KEROSENE CAS#: 8008-20-6 EHS: NO	KEROSENE: EHS N, % 100, CAS# 8008-20-6	LIQUID (PURE)	MAX: 5 LARGEST: 5 AVG: 5 CURIES: 0 DAYS: 365 CONTAINERS: F	GAL	Pressure: AMBIENT Temp: AMBIENT	FIRE
3	D	PAINT CAS#: NONE EHS: NO	PAINT: EHS N, % 100, CAS#	LIQUID (MIXTURE)	MAX: 30 LARGEST: 5 AVG: 30 CURIES: 0 DAYS: 365 CONTAINERS: F	GAL	Pressure: AMBIENT Temp: AMBIENT	FIRE
9	D	SIMPLE GREEN CAS#: NONE EHS: NO	2-BUTOXY ETHANOL: EHS N, % <6, CAS# 111-76-2	LIQUID (MIXTURE)	MAX: 5 LARGEST: 5 AVG: 5 CURIES: 0 DAYS: 365 CONTAINERS: E	GAL	Pressure: AMBIENT Temp: AMBIENT	ACUTE HEALTH
2.1	D	SPRAY PAINT CAS#: NONE EHS: NO	SPRAY PAINT: EHS N, % 100, CAS#	GAS (MIXTURE)	MAX: 28.4375 LARGEST: 0.9375 AVG: 28.4375 CURIES: 0 DAYS: 365 CONTAINERS: F	LBS	Pressure: > AMB. Temp: AMBIENT	FIRE
0	D	VARNISH CAS#: NONE EHS: NO	ETHYLBENZENE: EHS N, % 1-4, CAS# 100-41-4 XYLENE: EHS N, % 8-13, CAS# 1330-20-7 ISOBUTYL ALCOHOL: EHS N, % 13+, CAS# 78-83-1 TOLUENE: EHS N, % 8-13, CAS# 108-88-3 FORMALDEHYDE: EHS Y, % 0-1, CAS# 30525-89-4 ETHANOL: EHS N, % 4-8, CAS# 64-17-5 ACETONE: EHS N, % 2-4, CAS# 67-64-1 P-CHLOROBENZOTRIFLUORIDE: EHS N, % 4-8, CAS# 98-56-6	LIQUID (MIXTURE)	MAX: 5 LARGEST: 5 AVG: 5 CURIES: 0 DAYS: 365 CONTAINERS: F	GAL	Pressure: AMBIENT Temp: AMBIENT	NONE

STORAGE CONTAINER CODES

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Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

BUSINESS NAME: Underwriters Laboratories Inc. | **DATE:** 10/27/2005 | **PAGE:** 21 of 22

LOCATION: Flame Lab | **EPCRA CONFIDENTIAL:** NO | **TRADE SECRET:** NO | **FACILITY ID#:** 43-060-TMP117

1. Hazard Class	2. Grid Code	3. Common Name	4. Hazardous Components	5. Phys. State	6. Quantities	7. Units	8. Storage Codes	9. Haz. Categories
2.1	F	BUTANE **CAS#:** 106-97-8 **EHS:** NO	COMPONENT NAME: BUTANE; EHS: N; %: 100; CAS#: 106-97-8	GAS (PURE)	**MAX:** 220 **LARGEST:** 220 **AVG:** 220 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** L	CUFT	Pressure: > AMB. Temp: AMBIENT	NONE
2.1	F	METHANE, COMPRESSED GAS **CAS#:** 74-82-8 **EHS:** NO	COMPONENT NAME: METHANE, COMPRESSED GAS; EHS: N; %: 100; CAS#: 74-82-8	GAS (PURE)	**MAX:** 500 **LARGEST:** 250 **AVG:** 500 **CURIES:** 0 **DAYS:** 365 **CONTAINERS:** L	CUFT	Pressure: > AMB. Temp: AMBIENT	FIRE PRESSURE RELEASE ACUTE HEALTH

STORAGE CONTAINER CODES

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Non-Waste Hazardous Materials Inventory Statement

For use by Unidocs Member Agencies or where approved by your Local Jurisdiction

BUSINESS NAME: Underwriters Laboratories Inc. | **DATE:** 10/27/2005 | **PAGE:** 22 of 22

LOCATION: Hazardous Waste Accumulation Shed | **EPCRA CONFIDENTIAL:** NO | **TRADE SECRET:** NO | **FACILITY ID#:** 43-060-TMP117

1. Hazard Class	2. Grid Code	3. Common Name	4. Hazardous Components	5. Phys. State	6. Quantities	7. Units	8. Storage Codes	9. Haz. Categories
0	E	UNIVERSAL WASTE **CAS#:** NONE **EHS:** NO	COMPONENT NAME: UNIVERSAL WASTE; EHS: N; %: 100; CAS#:	SOLID (MIXTURE)	**MAX:** 15 **LARGEST:** 400 **AVG:** 15 **CURIES:** 0 **DAYS:** 90 **CONTAINERS:** E	LBS	Pressure: AMBIENT; Temp: AMBIENT	REACTIVE

STORAGE CONTAINER CODES

A = Aboveground Tank, B = Belowground Tank, C = Tank Inside Building, D = Steel Drum, E = Plastic/Nonmetallic Drum, F = Can, G = Carboy, H = Silo, I = Fiber Drum, J = Bag, K = Box, L = Cylinder, M = Glass Bottle or Jug, N = Plastic Bottle or Jug, O = Tote Bin, P = Tank Wagon, Q = Rail Car, R = Other

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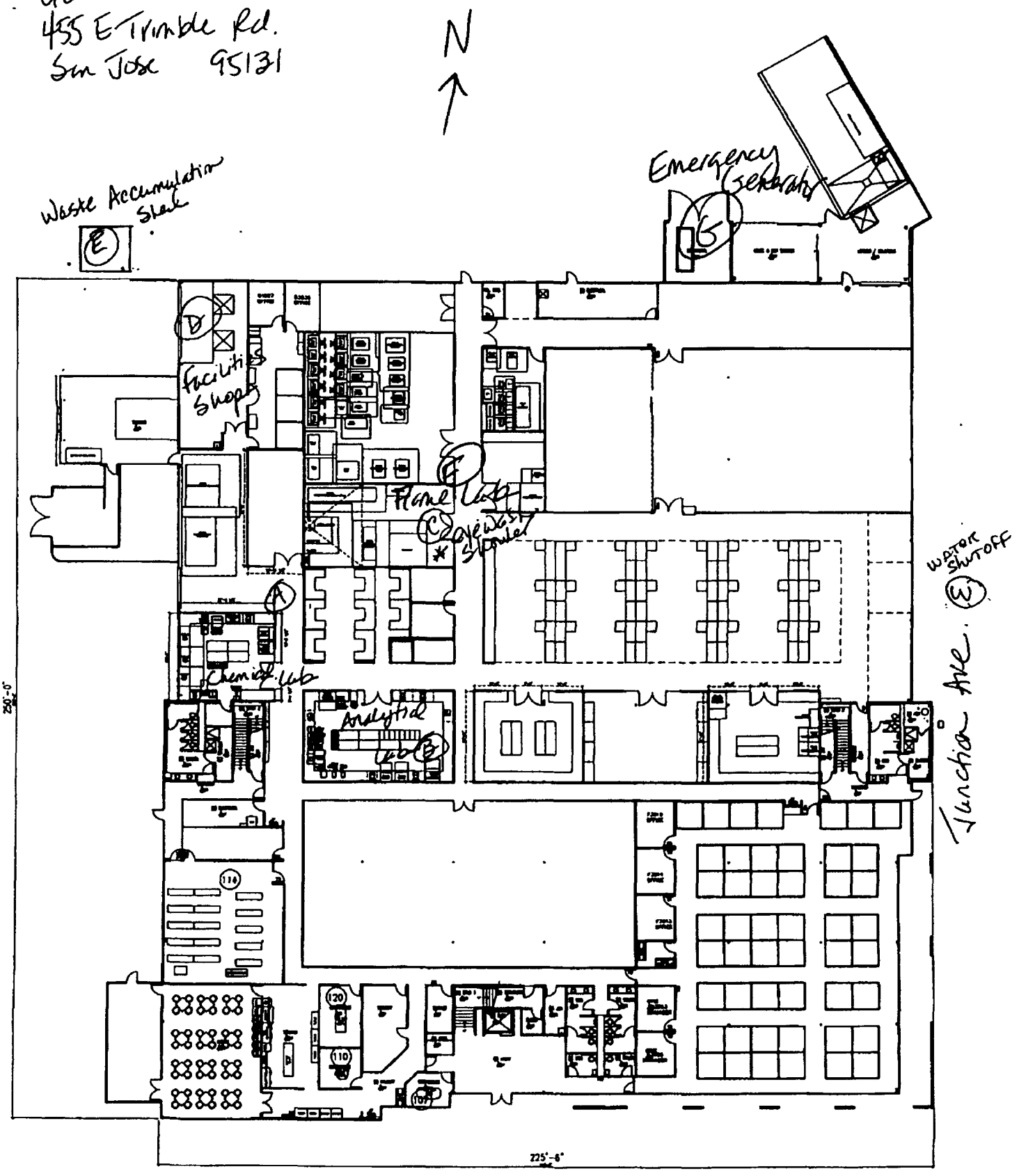
UL
455 E Trimble Rd.
San Jose 95131



Trimble Rd.

Emergency Response/Contingency Plan

(Hazardous Materials Business Plan Module)

Authority Cited: HSC, Section 25504(b); Title 22, Div. 4.5, Ch. 12, Art. 3 CCR

All facilities that handle hazardous materials in specified quantities must have a written emergency response plan. In addition, facilities that generate 1,000 kilograms or more of hazardous waste per month, or accumulate more than 6,000 kilograms of hazardous waste on-site at any one time, must prepare a contingency plan. Because the requirements are similar, they have been combined in a single document, provided below, for your convenience. This plan is a required module of the Hazardous Materials Business Plan (HMBP). **If you already have a plan that meets these requirements, you should not complete the blank plan, below, but you must include a copy of your existing plan as part of your HMBP.**

This site-specific Emergency Response/Contingency Plan is the facility's plan for dealing with emergencies and shall be implemented immediately whenever there is a fire, explosion, or release of hazardous materials that could threaten human health and/or the environment. **At least one copy of the plan shall be maintained at the facility for use in the event of an emergency and for inspection by the local agency.** Within Santa Clara County, hospitals and police agencies have delegated receipt of these plans to the local agencies administering Hazardous Materials Business Plans, so additional copies need not be submitted. However, a copy of the plan and any revisions must be provided to any contractor, hospital, or agency with whom special (i.e. contractual) emergency services arrangements have been made *(see section 3, below)*.

1. **Evacuation Plan:**

   a. The following alarm signal(s) will be used to begin evacuation of the facility *(check all that apply)*:

   ☐ Bells; ☒ Horns/Sirens; ☒ Verbal *(i.e. shouting)*; ☐ Other *(specify)* _____

   b. ☒ Evacuation map is prominently displayed throughout the facility.

Note: A properly completed HMBP Site Plan satisfies contingency plan map requirements. This drawing (or any other drawing that shows primary and alternate evacuation routes, emergency exits, and primary and alternate staging areas) must be prominently posted throughout the facility in locations where it will be visible to employees and visitors.

2. a. **Emergency Contacts*:**

Fire/Police/Ambulance	Phone No. **911**
State Office of Emergency Services	Phone No. **(800) 852-7550**

   b. **Post-Incident Contacts*:**

Fire Department Hazardous Materials Program	Phone No.: **(408) 535-7750**
Santa Clara County Hazardous Materials Compliance Division	Phone No. **(408) 918-3400**
California EPA Department of Toxic Substances Control	Phone No. **(510) 540-3739**
Cal-OSHA Division of Occupational Safety and Health	Phone No. **(408) 452-7288**
Air Quality Management District	Phone No. **(415) 771-6000**
Regional Water Quality Control Board	Phone No. **(510) 622-2300**

** These telephone numbers are provided as a general aid to emergency notification. Be advised that additional agencies may be required to be notified.*

   c. **Emergency Resources:**

Poison Control Center		Phone No. **(800) 876-4766**
Nearest Hospital:	Name: **San Jose Medical Center**	Phone No.: **(408) 998-3212**
	Address: **675 E. Santa Clara Street**	City: **San Jose**

3. **Arrangements With Emergency Responders:**

If you have made special (i.e. contractual) arrangements with any police department, fire department, hospital, contractor, or State or local emergency response team to coordinate emergency services, describe those arrangements below:

Our ERT has been State Certified by Industrial Emergency Council (IEC). They are available to assist upon request from both the City of San Jose and UL.

7. Emergency Equipment:

22 CCR §66265.52(e) [as referenced by 22 CCR §66262.34(a)(4)] and the Hazardous Materials Storage Ordinance require that emergency equipment at the facility be listed. Completion of the following Emergency Equipment Inventory Table meets this requirement.

EMERGENCY EQUIPMENT INVENTORY TABLE

1. Equipment Category	2. Equipment Type	3. Locations *	4. Description**
Personal Protective Equipment, Safety Equipment, and First Aid Equipment	☐ Cartridge Respirators		
	☐ Chemical Monitoring Equipment *(describe)*		
	☐ Chemical Protective Aprons/Coats		
	☒ Chemical Protective Boots	E	Bata Chemical Resistant
	☒ Chemical Protective Gloves		Various Rubber, Butyl and Neoprene
	☒ Chemical Protective Suits *(describe)*	E	Kappler level B
	☐ Face Shields		
	☐ First Aid Kits/Stations *(describe)*	all	Zee Medical First Aid Kits
	☒ Hard Hats	E, Security	
	☐ Plumbed Eye Wash Stations	C	Haws Systems
	☐ Portable Eye Wash Kits *(i.e. bottle type)*		
	☐ Respirator Cartridges *(describe)*		
	☒ Safety Glasses/Splash Goggles	2	AO Safety Glasses/Lab Safety Visitor Glasses
	☒ Safety Showers	C	
	☒ Self-Contained Breathing Apparatuses (SCBA)	E	Survivair - 4 w/ face piece
	☐ Other *(describe)*		
Fire Extinguishing Systems	☒ Automatic Fire Sprinkler Systems	all	Throughout Facility
	☒ Fire Alarm Boxes/Stations		
	☒ Fire Extinguisher Systems *(describe)*	Computer Room	Heptoflouropropane
	☒ Other *(describe)*		
Spill Control Equipment and Decontamination Equipment	☒ Absorbents *(describe)*	E	New Pig
	☐ Berms/Dikes *(describe)*		
	☒ Decontamination Equipment *(describe)*	E	Kiddie pools/brushes/soap
	☐ Emergency Tanks *(describe)*		
	☐ Exhaust Hoods		
	☐ Gas Cylinder Leak Repair Kits *(describe)*		
	☐ Neutralizers *(describe)*		
	☐ Overpack Drums		
	☐ Sumps *(describe)*		
	☐ Other *(describe)*		
Communications and Alarm Systems	☐ Chemical Alarms *(describe)*		
	☐ Intercoms/ PA Systems		
	☒ Portable Radios	all	Motorola Visar Systems
	☒ Telephones	Security	Nextel
	☐ Underground Tank Leak Detection Monitors		
	☐ Other *(describe)*		
Additional Equipment *(Use Additional Pages if Needed.)*	☒ Emergency Supply Trailer (EST)	E	
	☐		
	☐		
	☐		
	☐		
	☐		

* *Use the map and grid numbers from the Storage Map prepared earlier for your HMBP.*

** *Describe the equipment and its capabilities. If applicable, specify any testing/maintenance procedures/intervals. Attach additional pages, numbered appropriately, if needed.*

Employee Training Plan

(Hazardous Materials Business Plan Module)

Authority Cited: HSC, Section 25504(c); Title 22, Div. 4.5, Ch. 12, Art. 3 CCR

All facilities that handle hazardous materials must have a written employee training plan. This plan is a required module of the Hazardous Materials Business Plan (HMBP). A blank plan has been provided below for you to complete and submit if you do not already have such a plan. **If you already have a brief written description of your training program that addresses all subjects covered below, you are not required to complete the blank plan, below, but you must include a copy of your existing document as part of your HMBP.**

Check all boxes that apply. *[Note: Items marked with an asterisk (*) are required.]*:

1. **Personnel** are trained in the following procedures:

☐	Internal alarm/notification *
☒	Evacuation/re-entry procedures & assembly point locations*
☒	Emergency incident reporting
☒	External emergency response organization notification
☒	Location(s) and contents of Emergency Response/Contingency Plan
☒	Facility evacuation drills, that are conducted at least *(specify)* Semi-annually _____ *(e.g. "Quarterly", etc.)*

2. **Chemical Handlers** are additionally trained in the following:

☒	Safe methods for handling and storage of hazardous materials *
☒	Location(s) and proper use of fire and spill control equipment
☒	Spill procedures/emergency procedures
☒	Proper use of personal protective equipment *
☒	Specific hazard(s) of each chemical to which they may be exposed, including routes of exposure *(i.e. inhalation, ingestion, absorption)* *
☒	**Hazardous Waste Handlers/Managers** are trained in all aspects of hazardous waste management specific to their job duties *(e.g. container accumulation time requirements, labeling requirements, storage area inspection requirements, manifesting requirements, etc.)* *

3. **Emergency Response Team Members** are capable of and engaged in the following:

☒	Personnel rescue procedures
☒	Shutdown of operations
☒	Liaison with responding agencies
☒	Use, maintenance, and replacement of emergency response equipment
☒	Refresher training, which is provided at least annually *
☒	Emergency response drills, which are conducted at least *(specify)* Monthly through the ERT - Musters *(e.g. "Quarterly", etc.)*

Record Keeping

(Hazardous Materials Business Plan Module)

All facilities that handle hazardous materials must maintain records associated with their management. A summary of your recordkeeping procedures is a required module of the Hazardous Materials Business Plan (HMBP). A blank summary has been provided below for you to complete and submit if you do not already have such a document. **If you already have a brief written description of your hazardous materials recordkeeping systems that addresses all subjects covered below, you are not required to complete this page, but you must include a copy of your existing document as part of your HMBP.**

Check all boxes that apply. The following records are maintained at the facility. *[Note: Items marked with an asterisk (*) are required.]*:

☒	Current employees' training records *(to be retained until closure of the facility)* *
☒	Former employees' training records *(to be retained at least three years after termination of employment)* *
☒	Training Program(s) *(i.e. written description of introductory and continuing training)* *
☒	Current copy of this Emergency Response/Contingency Plan *
☒	Record of recordable/reportable hazardous material/waste releases *
☒	Record of hazardous material/waste storage area inspections *
☐	Record of hazardous waste tank daily inspections *
☒	Description and documentation of facility emergency response drills

Note: The above list of records does not necessarily identify every type of record required to be maintained by the facility.

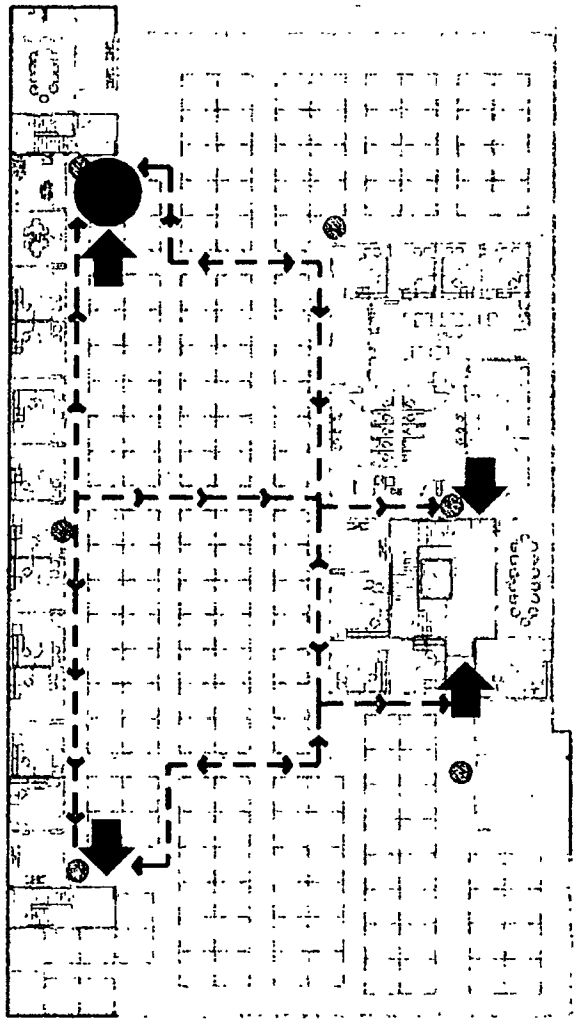
A copy of the Inspection Check Sheet(s) or Log(s) used in conjunction with required routine self-inspections of your facility must be submitted with your HMBP. *(Exception: Available from your local agency is a Hazardous Materials/Waste Storage Area Inspection Form that you may use if you do not already have your own form. If you use the example provided, you do not need to attach a copy.)*

Check the appropriate box:

☒	We will use the Unidocs "Hazardous Materials/Waste Storage Area Inspection Form" to document inspections.
☐	We will use our own documents to record inspections. ***(A blank copy of each document used must be attached to this HMBP.)***

UNDERWRITERS LABORATORIES INC
455 TRIMBLE ROAD, SAN JOSE, CA 95131

EMERGENCY EVACUATION PLAN



PLAN NORTH

2ND FLOOR PLAN

PROCEDURE

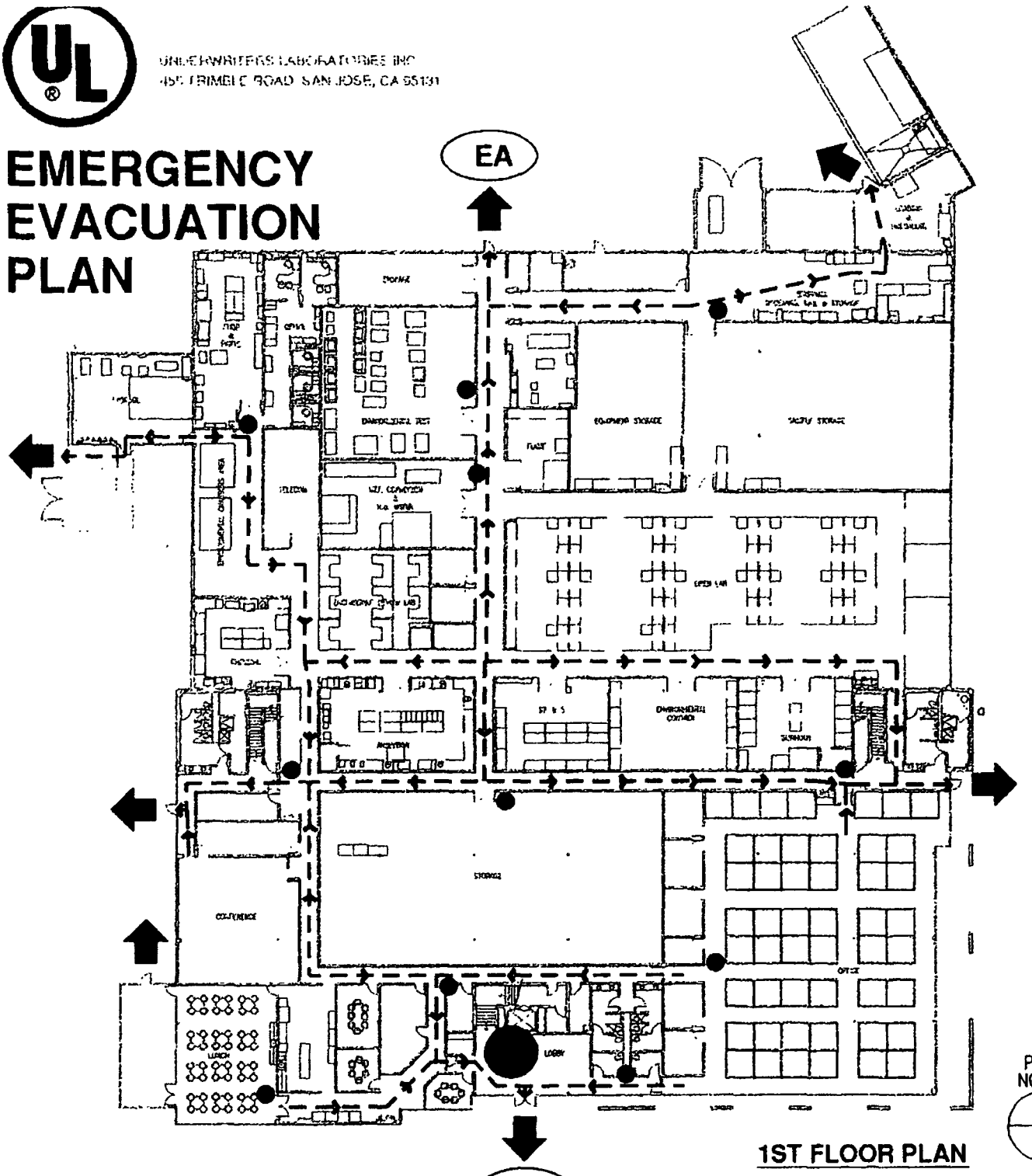
1. STOP WORK AND EVACUATE THE AREA IMMEDIATELY UPON HEARING THE FIRE ALARM OR AS INSTRUCTED TO DO SO
2. WALK TO THE NEAREST EXIT, FIRE STAIRWAY AND LEAVE THE BUILDING.
3. WALK DIRECTLY TO THE CLOSEST EVACUATION ASSEMBLY AREA (???) AND WAIT FOR INSTRUCTION FROM OFFICE MANAGER, OSC OR ERT PERSONNEL
4. STAY IN YOUR ASSEMBLY AREA.
5. DO NOT REENTER THE BUILDING OR LEAVE THE ASSEMBLY AREA UNLESS INSTRUCTED TO DO SO BY THE ERT SECURITY OR FIRE DEPARTMENT.

LEGEND

- YOU ARE HERE
- PRIMARY EXIT PATH
- EXIT
- FIRE EXTINGUISHER CABINET
- EA — EMERGENCY EVACUATION AREA

UNDERWRITERS LABORATORIES INC
455 TRIMBLE ROAD SAN JOSE, CA 95131

EMERGENCY EVACUATION PLAN



1ST FLOOR PLAN

PROCEDURE

1. STOP WORK AND EVACUATE THE AREA IMMEDIATELY UPON HEARING THE FIRE ALARM OR AS INSTRUCTED TO DO SO.
2. WALK TO THE NEAREST EXIT, FIRE STAIRWAY AND LEAVE THE BUILDING.
3. WALK DIRECTLY TO THE CLOSEST EVACUATION ASSEMBLY AREA (???) AND WAIT FOR INSTRUCTION FROM OFFICE MANAGER, OSC OR ERT PERSONNEL.
4. STAY IN YOUR ASSEMBLY AREA.
5. DO NOT REENTER THE BUILDING OR LEAVE THE ASSEMBLY AREA UNLESS INSTRUCTED TO DO SO BY THE ERT SECURITY OR FIRE DEPARTMENT.

LEGEND

- YOU ARE HERE
- PRIMARY EXIT PATH
- EXIT
- FIRE EXTINGUISHER CABINET
- EA — EMERGENCY EVACUATION AREA

Faircl ging N te Inv
1801 McCarthy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	AVG	LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	PRES	TEMP	SARA CLASS	OFFICIAL USE ONLY
1A CORROSIVE STORAGE ROOM	NR	Microposit (R) MF-319 Developer	water surfactant tetramethylammonium hydroxide	97-98 .01-1 2-3	 75-95-2	M,L	100.0	80.0	1	GA	365	N	1	4	I	
	8	Sulfuric Acid	Sulfuric Acid	100	7664-93-9	L	80.0	40.0	1	GA	365	N	1	4	I,R	
	8	Ultra Etch BHF 50:1	Water Ammonuim Fluoride Hydrofluoric Acid	57-61 35-39 3.9	 12125-01-8 7664-39-3	M,L	50.0	25.0	1	GA	365	N	1	4	I	
	NR	Nalco 4337	Acrylate polymer Inorganic salt water		trade secret trade secret	M,L	50.0	25.0	50	LB	365	N	1	4	I	
	8	Aluminum etch	Nitric acid Phosphoric acid 85% Acetic acid	2% <=90% <=10%	7697-37-2 7664-38-2 64-19-7	M,L	4.0	2.0	1	GA	365	N	1	4	I	

(MSDS) shall be readily available on the premises for hazardous materials listed above.

*DO NOT STORE ANY CHEMICALS THAT ARE NOT LISTED ABOVE.

*ITS ILLEGAL TO STORE MORE THAN MAXIMUM QUANTITIES FOR THIS LOCATION (Highlighted Area)
If you have to store any additional quanties please call x2660

Fairc[illegible]maging Non-Waste Hazardous Materials Inventory Statement
[illegible]01 McCarthy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
1A																
CORROSIVE STORAGE ROOM	8-PG II	Hydrofluoric Acid 100:1	Water	100		M,L	20.0	20.0	1	GA	365	N	1	4	I	
			Hydrofluoric Acid	0.2	7664-39-3											
	8-PG II	Hydrofluoric Acid 50:1	Hydrofluoric Acid	0.4	7664-39-3	M,L	40.0	20.0	1	GA	365	N	1	4	I	
	8-PG II	Nitric Acid	Nitric Acid	70	7697-37-2	M,L	20.0	20.0	1	GA	365	N	1	4	I	
			Water	30	7732-18-5											
	8-PG II	95% Poly Etch M-534	Nitric Acid	70	7697-37-2	M,L	4.0	4.0	1	GA	365	N	1	4	R,I	
			Hydrofluoric Acid	49	7664-39-3											
	8-PG II	AZ 327 MIF Developer	Tetramethylammonium Hydroxide	3	75-59--2	M,L	20.0	16.0	1	GA	365	N	1	4	I	
	8-PG II	SMS 2070C	Cyclic Amide/ Aliphati Amines	NA	NA	M,L	40.0	20.0	1	GA	365	N	1	4	I	
	8-PG II	Super Strip	Potassium Hydroxide	<5	1310-58-3	M,L	10.0	10.0	5	GA	365	N	1	4	I	
	8-PG II	ST-22 Positive Resist Stripper	Alkanol Amine Mixtur	30-40	929-06-6	M,L	40.0	40.0	1	GA	365	N	1	4	I	
			N-methyl Pyrrolidone	25-40	872-50-4											
			Proprietary Solvent	15-30	6837-24-7											
			BLO	2-15	000000-96-48-0											

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1A CORROSIVE STORAGE	8-PG III	Phosphoric Acid	Phosphoric acid water	85 5	7764-38-2 7732-18-2	M, L	50.0	16.0	1	GA	365	N	1	4	I	
	8-PG II	Hydrochloric Acid	Hydrochloric Acid Water	35 65	7647-01-0 7732-18-5	M, L	48.0	24.0	1	GA	365	N	1	4	I	
	8-PG II	Hydrofluoric Acid	Hydrofluoric Acid Water	49 51	7664-39-3 7732-18-5	M, L	40.0	32.0	1	GA	365	N	1	4	I	
	8-PG III	Ammonium Fluoride	Ammonium Fluoride Water	40 60	12125-01-8 7732-18-5	M, L	40.0	16.0	1	GA	365	N	1	4	I	
	8-PG III	Ammonium Hydroxide	Ammonium Hydroxide Water	30 70	1336-21-6 7732-18-5	M, L	40.0	12.0	1	GA	365	N	1	4	I	
	8-PG II	Potassium Hydroxide	Potassium Hydroxide Water	45 55	1301-58-3 7732-18-5	M, L	40.0	12.0	1	GA	365	N	1	4	I	
	8-PG II	Hydrofluoric Acid, 10:1	Hydrofluoric Acid Water	5 95	7664-39-3 7732-18-5	M, L	40.0	20.0	1	GA	365	N	1	4	I	
	8-PG II	Buffered Oxide Etch, 6:1	Ammonium Fluoride Water	6 84	12125-01-8 7732-18-5	M, L	50.0	25.0	1	GA	365	N	1	4	I	
	8-PG II	Buffered oxide etch, 50:1	Ammonium Fluoride Water	40 60	12125-01-8 7732-18-5	M, L	40.0	16.0	1	GA	365	N	1	4	I	
	5.1-PG II	Hydrogen Peroxide	Hydrogen Peroxide Water	30 70	7722-84-1 7732-18-5	M, L	80.0	80.0	1	GA	365	N	1	4	R, I	

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Fairchild [illegible]g Non-Waste Hazardous Materials Inventory Statement
McCarthy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
1B FLAMMABLE STORAGE ROOM	3-PG II	Acetone	Acetone	100	67-64-1	P, L	50.0	16.0	1	GA	365	N	1	4	F	
	3-PG II	Isopropyl Alcohol	Isopropanol	100	67-63-0	P, L	50.0	36.0	1	GA	365	N	1	4	F	
	3-PG I	Methyl Alcohol	Methanol	100	67-56-1	P, L	12.0	8.0	1	GA	365	N	1	4	F	
	3-PG II	Trichloroethane, 1-1-1 (TCA)	Trichloroethane, 1-1-1	100	71-55-6	P, L	9000	9000	1500	cc	365	N	1	4	F	
	3-PG II	Hexamethyldisilazane	Hexamethyldisilazane	100	999-97-3	P, L	6.0	3.0	1	QT	365	N	1	4	F, I	
	8-PG II	Acetic Acid	Acetic Acid	100	64-19-7	P,L	12.0	8.0	1	GA	365	N	1	4	F,I	
	3-PG II	Dichloroethylene (Trans LC)	Trans-1,2 Dichloroethylene	100	156-60-5	P,L	9000.0	9000.0	1500	cc	365	M	1	4	F	
	4-PG II	Microposit - EBR10-A Edge Bead Remover	Propylene Glycol Monomethylether Acetate	100	108-65-6	M,L	4.0	4.0	1	GA	365	N	1	4	I,F	
	6.1	Chloroform	Chloroform	100	67-66-3	L	6.0	3.0	0.5	L	365	N	1	4	I	

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1B	4-PG-II	NMP	N. Methylpyrolidone	99	872-50-4	M,L	4.0	4.0	1	GA	365	M	1	4	I,R	
FLAMMABLE STORAGE ROOM	8-PGIII	SMS 2090 A1	acetone			M,L	24.0	18.0	1	GA	365	M	1	4	F	
		Misc flammable liquids	Misc flammable liquids			M,L	110.0	110.0	5	GA	365	M	1	4	F	

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1B	8	RS-100	Component 1	50%	25498491	M,L	15.0	12.0	1	GA	365	R	1	4	F,D,I	
			Component 2,	50%	770354											
Flammable			Component 3	5%	929066											
Storage			Component 4	10%	141435											
Room			Component 5	5%	68603258											
	NR	RSC-55	Component 1	50%	97994	M,L	1.0	0.5	1	GA	365	R	1	4	F,I,D	
			Component 2,	50%	25498491											
			Component 3	5%	68603258											
	3	Dynasolve 185	Cyclic amide,	60-100	872-50-4	M, L	2.0	1.0	1	GA	365		1	4	F,I	
			2-phenoxy ethanol	15-5	122-99-6											
	3	N-Propanol	Propanol	100%		L	2.0	1.0	1	GA	365		1	4	I	
	8	Aluminum Etch AE	Nitric acid	2%	7697-37-2	M,L	2.0	1 0	1	GA	365		1	4	I	
			Phosphoric acid	90%	7664-38-2											
			Acetic acid	10%	64-19-7											
	NR	Aluminum Etch Surfactant	surfactant	25-35%		m,l	2.0	1.0	1	GA	365		1	4	I	
			water	65-75%												
	NR	Perchloroethylene		100%	127-18-4	L	4.0	3.0	1	GA	365		1	4	I,D	
	NR	RER 550	Ethyl Lactate	40-60%	97-64-3	M,L	2.0	1.0	1	GA	365	R	1	4	F,I,D	
			2-Pentanol	40-60%	107-87-9											
	NR	Safe strip	2-(1-methoxy)propylacetate)	>95	108-65-6	M,L	1.0	1.0	1	GA	365	R	1	4	F,I,D	
	NR	Fluorad	Perfluorocompounds	98%	86508-42-1	M,L	1.0	0.5	0.5	GA	365	R	1	4	I	
			Fluoroaliphatic copolymer	2%	Trade secrete											
	3	Dinasolve 225	Petroleum Naphtha	60-100%	64741-66-8	M,L	1.0	1.0	1	GA	365	R	1	4	F,I,D	
			Dedocylbenzen sulfonic acid	10-30	27176-87-0											
	3	Gasoline				M,L	15.0	10.0	5	GA	365	F	1	4	F,I,D	
	NR	Water Based Epoxy Paint				M,L	50.0	40.0	5	GA	365	R	1	4		

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2A FAB'S CABINET																
	8-PG II	Phosphoric Acid	Phosphoric Acid Water	85 15	7764-38-2 7732-18-5	M, L	6.0	6.0	1	GA	365	N	1	4	I	
	8-PG III	Ammonium Fluoride	Ammonium Fluoride Water	40 60	12125-01-8 7732-18-5	M, L	2.0	2.0	1	GA	365	N	1	4	I	
	8-PG II	Buffered Oxide Etch 6:1 (6% HF)	Ammonium Fluoride Water	6 84	12125-01-8 7732-18-5	M, L	6.0	6.0	1	GA	365	N	1	4	I	
	8-PGII	Nitric Acid	Nitric Acid Water	70 30	7697-37-2 7732-18-5		2.0	1.0	1	GA	365	N	1	4	I, R	
	8-PGII	Sulfuric Acid	Sulfuric Acid Water	95 5	7664-93-9 7732-18-5		12.0	12.0	1	GA	365	N	1	4	I,R	

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2B FAB CABINET																
	8-PG II	Phosphoric Acid	Phosphoric Acid Water	85 15	7764-38-2 7732-18-5	M, L	10.0	9.0	1	GA	365	N	1	4	I	
	8-PG II	Hydrochloric Acid	Hydrochloric Acid Water	37 63	7647-01-0 7732-18-5	M, L	10.0	5.0	1	GA	365	N	1	4	I	
	8-PG II	Hydrofluoric Acid	Hydrofluoric Acid Water	49 51	7664-39-3 7732-18-5	M, L	10.0	10.0	1	GA	365	N	1	4	I	
	8-PG II	Hydrofluoric Acid 10:1	Hydrofluoric Acid Water	5 95	7664-39-3 7732-18-5	M, L	10.0	9.0	1	GA	365	N	1	4	I	
	8-PG II	Buffered Oxide Etch 6:1	Ammonium Fluoride Water	6 60	12125-01-8 7732-18-5	M, L	10.0	10.0	1	GA	365	N	1	4	I	
	8-PG II	Buffered Oxide Etch 50:1	Ammonium Fluoride Water	40 60	12125-01-8 7732-18-5	M, L	12.0	10.0	1	GA	365	N	1	4	I	
	8-PG II	Nitric Acid	Nitric Acid Water	70 30	7697-37-2 7732-18-5	M, L	12.0	10.0	1	GA	365	M	1	4	I,R	
	5.1-PGII	Hydrogen Peroxide	Hydrogen Peroxide Water	30 70	7722-84-1 7732-18-5	M, L	20.0	17.0	1	GA	365	N	1	4	I,R	
	8-PGII	Hydrofluoric Acid 100:1	Hydrofluoric Acid Water	0.2 100	7664-39-3 7732-18-5	M,L	10.0	10.0	1	GA	365	N	1	4	I	
	8-PG II	Sulfuric Acid	Sulfuric Acid Water	96 4	7664-38-2 7732-18-5	M,L	20.0	20.0	1	GA	365	N	1	4	I	
	8-PG II	Ammonium Flouride	Ammonium Fluoride Water	40 60	12125-01-8 7732-18-5	M, L	10.0	5.0	1	GA	365	N	1	4	I	

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2C FAB'S CABINET	3-PG II	Acetone	Acetone	100	67-64-1	P, L	8.0	8.0	1	GA	365	N	1	4	F	
	3-PG II	Isopropyl Alcohol	Isopropanol	100	7732-18-5	P, L	6.0	6.0	1	GA	365	N	1	4	F	
	3 PG I	Methanol	Methyl Alcohol	100	67-56-1	P, L	1.0	1.0	1	GA	365	N	1	4	F	
	8-PG II	H.M.D.S	Hexamethyldisilazane	100	999-97-3	P, L	2.0	1.0		QT	365	N	1	4	F, I	
	8-PG II	ST-22 Positive Resist Stripper	Alkanol Amine Mixture N-Methyl Pyrrolidone Proprietary Solvent BLO	30-45 25-40 15-30 2-15	929-06-6 872-50-4 6837-24-7)00000-96-48-0	M,L	12.0	6.0	1	GA	365	N	1	4	I	
	3-PG II	APX K-1	Propanol, 2	95	67-63-0	M,L	2.0	2.0	1	GA	365	N	1	4	F	
	4-PGd II	NMP	N, Methylpyrolidone	99	872-5--4	M,L	4.0	1.0	1	GA	365	N	1	4	I,R	
	8-PG II	SMS 2070-C	Cyclic Amide/alphatic A	NA	NA	M,L	4.0	4.0	1	GA	365	N	1	4	I	
	3-PG II	ARC Cleaner	Acetone Methyl-2-Pyrrolidone, 1	55-65 35-45	67-64-1 872-50-4	M,L	2.0	1.0	1	GA	365	N	1	4	F	
	3-PG-III	Microposit EC Solvent-11	Ethyl Lactate	100	97-64-3	M,L	4.0	1.0	1	GA	365	M	1	4	I,R	
	PG-II	Pron Sat (Wipes)	Isopropyl Alcohol water	70 30	7732-18-5 7732-18-5	M,L	1.0	1.0	1	BAG	3365		1	4	F	
	8-PGII	Acetic Acid	Acetic Acid	100	64-19-7	L	3.0	2.0	1	GA	365	N	1	4	I	
	NR	Triton X100	No hazardous components			L	2.0	1.0	1	GA	365	N	1	4	N	

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Fairchild Imaging, Inc.:Non-Waste Hazardous Materials Inventory Statement
1801 McCarthy Boulevard, Milpitas, CA 95035

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2D																
Implanter Room	2.2	Argon	Argon	100	7440-37-1	G	248.0	124.0	248	CF	365	L	2	4	P	
Gas Storage	2.3	Phosphine	Phosphine	100	7803-51-2	G	30.0	15.0	30	grams	365	SDS	3	4	P,I,D	
	2.3	Boron Triflouride	BoronTriflouride	100	7637-07-2	G	130.0	65.0	130	grams	365	SDS	3	4	P,I,D	
	2.3	Arsine Note: SDS - Safe Delivery Sytem (gases are supplied in a carbon absorbent at sub atmospheric pressure)	Arsine	100	7784-42-1	G	88.0	44.0	88	grams	365	SDS	3	4	P,I,D	

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3																
FAB CABINET	3-PG II	Acetone	Acetone	100	67-64-1	P,L	12.0	12.0	1	GA	365	N	1	4	F	
ADJ to 4B	3-PG II	Isopropyl Alcohol	Isopropyl Alcohol	100	67-63-0	P,L	12.0	12.0	1	GA	365	N	1	4	F	
	8-PG II	ST-22 Positive Photoresist Stripper	Alkanol Amine Mixture N-Methyl Pyrrolidone Proprietary Solvent BLO	30-45 25-40 15-30 2-15	929-06-6 872-50-4 6837-24-7 00000-96-48	M,L	8.0	8.0	1	GA	365	M	1	4	I	
	8-PG II	SMS 2070-C	Cyclic and Aliphatic Amides	NA	NA	M,L	8.0	8.0	1	GA	365	N	1	4	I	
	8-PG II	Acetic Acid	Acetic Acid	98-100	64-19-7	M,L	8.0	8.0	1	GA	365	M	1	4	I	
	3-PG II	SMS 2090-A1	Substituted Esters and Amides			M,L	8.0	8.0	1	GA	365	N	1	4	L,D	
		Misc Flammable Liquids				M,L	5.0	3.0		GA	365					

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Fairchild Imaging Non-Waste Hazardous Materials Inventory Statement
1801 McCarthy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
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(MSDS) shall be readily available on the premises for hazardous materials listed above.

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STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	AVG	LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	PRES	TEMP	SARA CLASS	OFFICIAL USE ONLY
4A FAB'S CABINET	8-PG II	Pottassium Hydroxide	Potassium hydroxide water	45 55	1301-58-3 7732-18-5	M, L	12.0	6.0	1	GA	365	N	1	4	I	
	5.1-PG II	Hydrogen Peroxide	Hydrogen peroxide water	30 70	7722-84-1 7732-18-5	M, L	12.0	10.0	1	GA	365	N	1	4	R, I	
	NR	MF 319 Developer	water surfactant tetramethylammonium hydroxide	97-98 0.01-1.0 2.00-3.00	 75-95-2	M, L	12.0	10.0	1	GA	365	N	1	4	N	

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If you have to store any additional quanties please call **x2660**

Fairchild Ima[illegible] Non-Waste Hazardous Materials Inventory Statement
[illegible]cCarthy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	AVG	LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	PRES	TEMP	SARA CLASS	OFFICIAL USE ONLY
4B FAB CABINET	NR	MF-319 Developer	Water	97	75-59-2	M,L	12	10	1	GA	365	N	1	4	I	
			Tetramethylammonium Hydroxide	3	7732-18-5											
	8-PG III	Ammonium Hydroxide	Ammonium Hydroxide	30		M,L	12	10	1	GA	365	N	1	4	I	
			Water	70	75-59-2											
	8-PG II	Potassium Hydroxide	Potassium Hydroxide	45	1301-58-3	M,L	12	10	1	GA	365	N	1	4	I	
			Water	55	75-59-2											
	8-PG II	AZ 327 MIF Developer	Tetramethylammonium Hydroxide	3	75-59-2	M,L	24	12	1	GA	365	N	1	4	I	

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...AGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	AVG	LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	PRES	TEMP	SARA CLASS	OFFICIAL USE ONLY
4C FAB CABINET	3-PG II	Misc. Flammable Liquids	Misc. Flammable Liquids			M,L	<20	<20	1	GA	365	N	I	4	F,P,D,I	

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Fairchild Imaging:Non-Waste Hazardous Materials Inventory Statement
1801 McCarthy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID.	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
FAb refrigerator 4D1	3-PG III	Shipley System 812 Photoresist	Ethyl lactate	44	687-47-8	M,L	10.0	10.0	1	GA	365	M	1	6	F	
			Amidole	22	100-66-3											
			N-Amyl Acetate	5												
			Isoamyl acetate	3	123-92-2											
	3-PG III	Shipley Microposit SPR2 - 1.3 N	Ethyl Lactate	68	687-47-8	M,L	3.0	1 0	1	GA	365	M	1	6	F	
			N-Butyl Acetate	4	123-86-4											
			Xylene	4	1330-20-7											
			Non-Hazardous Ingredients	24	NA											
	3-PG II	Microposit TF-20 Photoresist	Ethoxyethanol, 2	50	110-80-5	M,L	1.0	1.0	1	QT		N	1	6	I,D,F	
			N-butylacetate	6	123-86-4											
			Xylene	6	1330-20-7											
	3-PG II	Megaposit SR-2FX 1 8	Ethyl Lactate	63	683-47-8	M,L	1.0	1.0	1	QT	365	M	1	6	F	
	3-PG II	Megaposit SPR-2 FX 1.3	Ethyl Lactate	68	684-47-8	M,L	3.0	1 0	1	QT	365	M	1	6	I,D,F	
	NR	5124 E photoresist	Polyethylene glycol monoethyl ether acetate	71		M,L	2.0	1 0	1	GA	365	M	1	6	I,F	
			1-methoxy -2-pyrol acetate		108-65-6											
			cresolformaldehyde		117520-84-0											
	NR	AZ P4400	Polyethylene glycol monoethyl ether acetate	64		M,L	2.0	1.0	1	GA	365	M	1	6	I,F	
			1-methoxy -2-pyrol acetate		108-65-6											
			cresolformaldehyde		117520-84-0											
			2,1,5-diazonaphtoquinon ester		5610-94-6											
	NR	AZ P4620 Photoresist	Propylene Glycol Monomethyl Ether Acetate	59	108-65-6	M,L	2 0	2.0	1	QT	365	M	1	6	F	
	NR	Microposit S1805 Photoresist	Propylene Glycol Monomethyl Ether Acetate	81-86	108-65-6	M,L	1.0	1.0	1	QT	365	M	1	6	D	
			Mixed Cresol Novalac resin	10-20	NA											

(MSDS) shall be readily available on the premises for hazardous materials listed above.

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***ITS ILLEGAL TO STORE MORE THAN MAXIMUM QUANTITIES FOR THIS LOCATION (MAX Column)**
If you have to store any additional quantities please call **x2660**

STORAGE FACILITY ID:	D HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	AVG	LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	PRES	TEMP	SARA CLASS	OFFICIAL USE ONLY
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If you have to store any additional quanties please call x2660

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	Annual Thruput (tons)	OFFICIAL USE ONLY
5	3-PGII	Waste Mixed Solvent	Acetone Isopropanol Photo-Resist	N/A N/A N/A	67-64-1 67-63-0 N/A	M,L	165.0	55.0	55	GA	365	D	1	4	F	3.0	
	8	Acid Contaminated Debris	Glass And Plastic Hydrofluoric Acid Phosphoric Acid Nitric Acid	94-99 0-1 0-1 0-1	N/A 7664-39-3 7764-38-2 7697-37-2	M,L	165.0	55.0	55	GA	365	E	1	4	I	1	
	9-PGIII	Solvent Contaminated Debris	Lab Equipment Acetone Isopropanol	99-100 0-1 0-1	N/A 67-64-1 67-63-0	M,S	165.0	55.0	55	GA	365	D	1	4	I,D	1.5	
	N/A	Misc. Debris	Misc Debris	N/A	N/A	M,S	165.0	55.0	55	GA	365	D,E	1	4	N/A	1.5	
	N/A	Misc. Liquids	Misc Liquids	N/A	N/A	M,L	165.0	55.0	55	GA	365	D,E	1	4	N/A	1.5	
	N/A	Waste Stripper Solution	Alkanol amine solution N-Methyl-Pyrrolidone Solvents	40-55 30-40 0-30	67-64-1 872-50-4 N/A	M,L	165.0	55.0	55	GA	365	E	1	4	I,D	3.0	
	N/A	Waste Oil	N/A	N/A	N/A	M,L	165.0	55.0	55	GA	365	D	1	4	I,D	1.0	
	N/A	Contaminated Quartz Glass	Quartz glass plastic debris	95-100 0-5	N/A N/A	M,S	165.0	55.0	55	GA	365	D	1	4	I,D	0.5	
	8	Waste Hydroflouric Acid/Wate	HF	0-5%	7664-39-3	M,L	5500.0	500.0	5500	GA	365	R	1	4	I	60	

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If you have to store any additional quantities please call **x2660**

Fairchild Imaging Non Waste Inventory
1801 McCarthy Blvd. Milpitas, CA

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND			UNITS	DAYS ON SITE	STORAGE CODE			SARA CLASS	OFFICIAL USE ONLY
							MAX	AVG	LARGEST CONTAINER			TYPE	PRES	TEMP		
5																
	3-PGIII	Misc.Oils	Misc Oils		N/A	M,L	220.0	220.0	55	GA	365	D	1	4	N	
	3PG-III	Diesel Fuel	Diesel Fuel		N/A	M, L	110.0	110.0	55	GA	365	D	1	4	N	

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STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
6A																
EXTERNAL GAS BOTTLE STORAGE	2.2	Nitrogen	Nitrogen	99	7727-37-9	P, G	1400.0	1400.0	228	CF	365	L	2	4	P	
	2.2	Helium	Helium	99	7440-59-7	P, G	872.0	436.0	218	CF	365	L	2	4	P	
	2.1/5.1	Oxygen	Oxygen	99	7440-59-7	P,G	498.0	498.0	249	CF	365	L	2	4	P,R	
	2.2	Freon 116	Hexaflouroethane	99	76-16-4	P,G	266.0	266.0	266	CF	365	L	2	4	P	
	2.2	Freon 23	Trifluoromethane	99	75-46-7	P,G	385.0	385.0	385	CF	365	L	2	4	P	
	2.2	Argon	Argon	99	7440-37-1	P,G	684.0	228.0	228	CF	365	L	2	4	P	
	2.1	Acetylene	Acetylene	99	74-86-2	P,G	200.0	200.0	100	CF	365	L	2	4	P,F	
	2.2	Carbon Dioxide	Carbon Dioxide	99	124-38-9	P,G	456.0	228.0	228	CF	365	L	2	4	P	
	2.2	Freon 14	Tetraflouromethane	99	75-73-01	P,G	307.0	307.0	307	CF	365	L	2	4	P	
	2	Nitrogen/Hydrogen	Nitrogen Hydrogen	95 5	7727-37-9 1333-74-0	M,G	1368.0	684.0	228	CF	365	L	2	4	P	
	2.2	Sulfer Hexaflouride	Sulfer Hexaflouride	99	2551-62-4	P,G	100.0	100.0	100	lbs	365	L	2	4	P	

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If you have to store any additional quanties please call **xZ660**

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
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STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
8A																
CHEMICAL BULK STORAGE	8-PG II	Sodium Hydroxide Main Storage Tank (Tank #1)	Sodium Hydroxide Water	30 70	1310-73-2	M,L	2000.0	1300.0	2000	GA	365	A	1	4	I	
	8-PG II	Hydrochloric Acid Neutralization System (Tank #4)	Hydrogen Chloride Water	25 75	7647-01-0	M,L	375.0	250.0	375	GA	365	A	1	4	I	
	8-PG II	Sodium Hydroxide Neutralization System (Tank #5)	Sodium Hydroxide Water	1-30 3-10	1310-73-2	ML	1000.0	800.0	1000	GA	365	A	1	4	I	
	8-PGIII	Sodium Bisulfite Solution	Sodium Bisulfite Water	1-3 4-6	7681-57-4	M,L	100.0	100.0	100	GA	365	E	1	4	R	
	NR	Vitec 3000 Descaling Solution				M,L	75.0	75.0	75	GA	365	E	1	4	R	

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STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
8B	3	Diesel Fuel	Petroleum Distillate	100	77650-25-8	M,L	165	125	55	GA	365	A	1	4	F	

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8C Cooling Tower Area	8	Misc Cooling Tower Chemicals				M, L	150.0	150.0	35	GA	365	E	1	4	R	

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If you have to store any additional quantities please call x2000

Fairchild Imaging Non Waste HazMat Inventory
1801 McCarthy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND			UNITS	DAYS ON SITE	STORAGE CODE			SARA CLASS
							MAX	AVG	LARGEST CONTAINER			TYPE	PRES	TEMP	
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If you have to store any additional quantities please call **x2660**

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1801 McCar
Id Systems:Non-Waste Hazardous Materials Inventory Statement
d, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
9 GAS BULK STORAGE	2 2	Liquid Oxygen	Oxygen	100	7782-44-7	P,L	1500.0	750 0	1500	GA	365	A	2	7	P,R	
	2 1	Liquid Hydrogen (Tank #7)	Hydrogen	100	1333-74-0	P,L	1500.0	750.0	1500	GA	365	A	2	7	P,F	

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10A-1																
	2 2	Helium	Helium	99	7440-59-7	P,G	436.0	436 0	218	CF	365	L	2	4	P	
	2 2	Freon 14	Tetra Fluoromethane	99	NA	P,G	68.0	68 0	68	CF	365	L	2	4	P	

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Fairchild Imaging, Inc. :Non-Waste Hazardous Materials Inventory Statement

1801 McCarthy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
10A-2	2.2	Sulfur Hexafluoride	Sulfur Hexafluoride	99	2551-62-4	P,G	100.0	100.0	100	lbs	365	L	2	4	P	
	2 2	Helium	Helium	99	7440-59-7	P,G	218.0	218.0	218	CF	365	L	2	4	P	

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LOCKHEED .d Systems:Non-Waste Hazardous Materials Inventory Statement
1801 McCarthy boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
10A-3																
	2 2	Argon	Argon	99	7440-37-1	P,G	248.0	248 0	248	CF	365	L	2	4	P	
	2 2	Helium	Helium	99	7440-59-7	P,G	218.0	218.0	218	CF	365	L	2	4	P	

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Fairchild Imaging Non-Waste Hazardous Materials Inventory Statement
1801 McCarthy Boulevard, Milpitas, CA 95035

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10A4																
	2.2	Sulfur Hexafluoride	Sulfur Hexafluoride	99	2551-62-4	P,G	200.0	200	200	CF	365	L	2	4	P	
	2.2	Argon	Argon	99	7440-37-1	P,G	248.0	248.0	248	CF	365	L	2	4	P	

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1801 McCarthy

ild Systems:Non-Waste Hazardous Materials Inventory Statement
J, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
10A-5																
	2 2	Freon 14	Tetra Fluoromethane	99	NA	P,G	68.0	68 0	68	LBS	365	L	2	4	P	
	2 2	De100/Oxygen	Oxygen	4	7782-44-7	M,G	83.0	83 0	83	LBS	365	L	2	4	P	
			Freon 14	96												

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Fairchild Imaging Non-Waste Hazardous Materials Inventory Statement

1801 McCarthy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND			UNITS	DAYS ON SITE	STORAGE CODE			SARA CLASS	OFFICIAL USE ONLY
							MAX	AVG	LARGEST CONTAINER			TYPE	PRES	TEMP		
10A6	2.2	Helium	Helium	100	7440-59-7	P;G	436.0	218.0	218	CF	365	L	2	4	P	

(MSDS) shall be readily available on the premises for hazardous materials listed above.

***DO NOT STORE ANY CHEMICALS THAT ARE NOT LISTED ABOVE.**

***ITS ILLEGAL TO STORE MORE THAN MAXIMUM QUANTITIES FOR THIS LOCATION (Highlighted Area)**

If you have to store any additional quantities please call **x2660**

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1801 McCar...

ld Systems:Non-Waste Hazardous Materials Inventory Statement
d, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
10A-7																
	2 1/5 1	Oxygen	Oxygen	99	7782-44-7	P,G	228.0	228 0	228	CU	365	L	2	4	P	
	2.2	Freon 14	Tetra Fluoromethane	99	NA	P,G	228.0	228 0	228	CU	365	L	2	4	P	
	2 2	Sulfur Hexafluoride	Sulfur Hexafluoride	99	2551-62-4	P,G	228.0	228.0	228	CU	365	L	2	4	P	

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STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
10B		Hazardous Waste Stripper	alkanol, amine solution N-Methyl Pyrrolidone proprietary solvent and water	40-55 30-40 0-30		M,L	55.0	55.0	55	GA	365	D	1	4	D	

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Fairchild Imaging Non-Waste
1801 McCarthy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
10B	2.2	Argon	Argon	99	7440-37-1	P,G	596.0	596.0	248	CF	365	L	2	4	P	

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STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	AVG	LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	PRES	TEMP	SARA CLASS	OFFICIAL USE ONLY
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1801 McCarthy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST ONTAINE	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
10C-1	2.2	Hydrogen/ Nitrogen	Hydrogen Nitrogen	4 96	1333-74-0 7727-37-9	M,G	412.0	412.0	206	CF	365	L	2	4	P,F	
Adj. To 10C-1	2	Nitrous Oxide	Nitrous Oxide	99	10024-97-2	P,G	60.0	60.0	60	LBS	365	L	2	4	P	
Adj. To 10C-1	2	Nitrogen	Nitrogen	99	7727-37-9	P,G	228.0	228.0	228	CF	365	L	2	4	P	

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1801 McCarthy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND			UNITS	DAYS ON SITE	STORAGE CODE			SARA CLASS	OFFICIAL USE ONLY
							MAX	AVG	LARGEST ONTAINE			TYPE	PRES	TEMP		
10C-2	2.2	Sulfur Hexafluoride	Sulfur Hexafluoride	99	2551-62-4	P,G	105.0	70.0	35	LBS	365	L	2	4	P	

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							MAX	AVG	LARGEST CONTAINER			TYPE	PRES	TEMP		
10C-3																
	2.2-PGIII	Freon 14 (Zyron 14)	Halocarbon	99	75-73-01	P,G	12.0	6.0	6	LBS	365	L	2	4	P	
	2.2-PGIII	Freon 23 (Zyron 23)	Halocarbon	99	75-46-7	P,G	40.0	20.0	20	LBS	365	L	2	4	P	

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Fairchild Imaging **Non Hazardous Materials Inventory Statement**
1801 McCarthy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
10C-4																
	2.2	Helium	Helium	99	7440-59-7	P,G	218.0	218.0	218	CF	365	L	2	4	P	
	2.2	Nitrogen	Nitrogen	99	7727-37-0	P,G	228.0	228.0	228	CF	365	L	2	4	P	
NCab21	2	Helium	Helium	99	7440-59-7	P,G	218.0	218.0	218	CF	365	L	2	4	P	
	2.2	Sulfur Hexaflouride	Sulfur Hexaflouride	99	2551-62-4	P,G	35.0	35.0	35	LBS	365	L	2	4	P	
NCab20	2	Freon 14 (Xyron 14)	Halocarbon	99	75-73-01	P,G	70.0	70.0	70	LBS	365	L	2	4	P	
	2.2	Nitrogen	Nitrogen	99	7727-37-9	P,G	228.0	228.0	228	CF	365	L	2	4	P	

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Fairchild Imaging Non-Waste Hazardous Materials Inventory Statement
1801 McCarthy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	AVG	LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	PRES	TEMP	SARA CLASS	OFFICIAL USE ONLY
10D1 FAB CABINET	3-PG II	Isopropyl Alcoho	Isopropyl Alcohol	100	P,L	1	1.0	1.0	1.0	GA	365	N	1	4	F,D	
	3-PG II	Acetone	Acetone	100	P,L	1	1.0	1.0	1.0	GA	365	N	1	4	F,D	
	3-PG II	Methanol	Methanol	100	P,L	1	1.0	1.0	1.0	GA	365	N	1	4	F,D	
	6.1	Tetrachloroethylene		99	P,L	1	6.0	3.0	1.0	GA	365	N	1	4	D	

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Fairchild Imaging Non-Waste Hazardous Materials Inventory Statement
1801 McCarthy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZ CLASS	COMMON / Trade Name	Chem Name Components Concentration	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
12B Thinning Cabinet		Misc. Oxidizers				M,L	10.0	10.0	5	LBS	365	M	1	4		

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LOCKHEE — Shild Systems:Non-Waste Hazardous Materials Inventory Statement
1801 McCa — d, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
10D2																
	8-PG II	Sulphuric Acid	Sulphuric Acid	100			1.0	1 0	1	GA	365	N	1	4	1	
	8-PG II	Hydrogen Peroxide	Hydrogen Peroxide	100			1.0	1 0	1	GA	365	N	1	4	I,F	

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10E (Corrosive Gas Blockhouse)																
CAB1	2.3	Chlorine	Chlorine	100	7782-50-5	P,G	15.0	15.0	15	LBS	365	L	2	4	I,P	
	2.2	Nitrogen	Nitrogen	100	7727-37-9	P,G	228.0	228.0	228	CF	365	L	2	4	P	
CAB2	2.3	Chlorine	Chlorine	100	7782-50-5	P,G	15.0	15.0	15	LBS	365	L	2	4	I,P	
	2.2	Nitrogen	Nitrogen	100	7727-37-9	P,G	228.0	228.0	228	CF	365	L	2	4	P	
CAB3	2.3	Boron Trichloride	Boron Trichloride	99	10294-34-5	P,G	40.0	40.0	40	LBS	365	L	2	4	I,P	
	2.2	Nitrogen	Nitrogen	100	7727-37-9	P,G	228.0	228.0	228	CF	365	L	2	4	P	
CAB5	2.3	Chlorine	Chlorine	100	7782-50-5	P,G	15.0	15.0	15	LBS	365	L	2	4	I,P	
	2.2	Nitrogen	Nitrogen	100	7727-37-9	P,G	228.0	228.0	228	CF	365	L	2	4	P	
CAB6	2.3	Chlorine	Chlorine	100	7782-50-5	P,G	15.0	15.0	15	LBS	365	L	2	4	I,P	
	2.2	Nitrogen	Nitrogen	100	7727-37-9	P,G	228.0	228.0	228	CF	365	L	2	4	P	
CAB7	2.3	Chlorine	Chlorine	100	7782-50-5	P,G	15.0	15.0	15	LBS	365	L	2	4	I,P	
	2.2	Nitrogen	Nitrogen	100	7727-37-9	P,G	228.0	228.0	228	CF	365	L	2	4	P	
CAB8	2.3	Hydrogen Chloride	Hydrogen Chloride	99	7647-01-0	P,G	60.0	60.0	60	LBS	365	L	2	4	I,P	
	2.2	Nitrogen	Nitrogen	99	7727-37-9	P,G	228.0	228.0	228	CF	365	L	2	4	P	
CAB9	2.3	Chlorine	Chlorine	100	7782-50-5	P,G	15.0	15.0	15	LBS	365	L	2	4	I,P	
	2.3	Boron Trichloride	Boron Trichloride	99	10294-34-5	P,G	40.0	40.0	40	LBS	365	L	2	4	I,P	
CAB 11	2.2	Nitrogen	Nitrogen	99	7727-37-9	P,G	228.0	228.0	228	CF	365	L	2	4	P	
	2.3	Boron Trichloride	Boron Trichloride	99	10294-34-5	P,G	40.0	40.0	40	LBS	365	L	2	4	I,P	
CAB12	2.3	Hydrogen Chloride	Hydrogen Chloride	99	7647-01-0	P,G	60.0	60.0	60	LBS	365	L	2	4	I,P	
	2.2	Nitrogen	Nitrogen	99	7727-37-9	P,G	228.0	228.0	228	CF	365	L	2	4	P	
		The cabinet below can store any of these														
CAB16	2.3	Boron Trichloride	Boron Trichloride	99	10294-34-5	P,G	40.0	40.0	40	LBS	365	L	2	4	I,P	
	2.3	Chlorine	Chlorine	100	7782-50-5	P,G	15.0	15.0	15	LBS	365	L	2	4	I,P	

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Fairchild Imaging Non Waste Hazardous Materials Inventory Sta...ier

1801 McCarthy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	AVG	LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	PRES	TEMP	SARA CLASS	OFFICIAL USE ONLY
10F (Flammable Gas Blockhouse)																
CAB-4	2.2	Nitrogen	Nitrogen	99	7727-37-9	P,G	228.0	228.0	228	CF	365	L	2	4	P	
	2.1	Silane	Silane	99	7803-62-5	P,G	1000.0	1000.0	1000	GR	365	L	2	4	P,F,R	
CAB5	2.2	Nitrogen	Nitrogen	99	7727-37-9	P,G	228.0	228.0	228	CF	365	L	2	4	P	
	2.3/2.1	20% Phosphine/Silane	Phosphine	20	7803-51-2	M,G	1000.0	1000.0	1000	GR	365	L	2	4	P,F,R	
			Silane	80	7803-62-5											
CAB6	2.2	Nitrogen	Nitrogen	99	7727-37-9	P,G	228.0	228.0	228	CF	365	L	2	4	P	
	2.3/2.1	40% Diborane/Silane	Diborane	40	19287-45-7	M,G	26.0	26.0	26	CF	365	L	2	6	P	
			Silane	60	7803-62-5	M,G										
CAB9	2	Ammonia	Ammonia	99	7664-41-7	P,G	30.0	30.0	15	LB	365	L	2	4	P,F,R	
CAB-10	2.3	Dichlorosilane	Dichlorosilane	99	4109-96-0	P,G	20.0	20.0	10	LB	365	L	2	4	I,F,P	
CAB-11	2.1	Silane	Silane	99	7803-62-5	P,G	60.0	60.0	60	LB	365	L	2	4	P,F,R	
	2.2	Nitrogen	Nitrogen	99	7727-37-9	P,G	228.0	228.0	228	CF	365	L	2	4	P	
CAB-12	2.2	Nitrogen	Nitrogen	99	7727-37-9	P,G	228.0	228.0	228	CF	365	L	2	4	P	
	2.1	Silane	Silane	99	7803-62-5	P,G	60.0	60.0	60	LB	365	L	2	4	P,F,R	
CAB-13	2	Ammonia	Ammonia	99	7664-41-7	P,G	30.0	30.0	15	LB	365	L	2	4	P,F,R	
CAB-14	2.1	5% Phosphine/Nitrogen	Phosphine	5	7803-51-2	M,G	210.0	210.0	210	CF	365	L	2	4	I,F,P	
	2.2	Nitrogen	Nitrogen	99	7727-37-9	P,G	228.0	228.0	228	CF	365	L	2	4	P	
CAB15	2.2	Nitrogen	Nitrogen	99	7727-37-9	P,G	228.0	228.0	228	CF	365	L	2	4	P	
	2.3/2.1	22% Phosphine/Nitrogen	Phosphine	22	7803-51-2	M,G	75.0	75.0	75	CF	365	L	2	4	P,F,R	
CAB16	2.2	Nitrogen	Nitrogen	99	7727-37-9	P,G	228.0	228.0	228	CF	365	L	2	4	P	
	2.1	Silane	Silane	99	7803-62-5	P,G	60.0	60.0	60	LB	365	L	2	4	P,F,R	
CAB17	2.2	Nitrogen	Nitrogen	99	7727-37-9	P,G	228.0	228.0	228	CF	365	L	2	4	P	
	2.1	Silane	Silane	99	7803-62-5	P,G	26.0	26.0	26	CF	365	L	2	4	P	
CAB18	2.2	Nitrogen	Nitrogen	99	7727-37-9	P,G	228.0	228.0	228	CF	365	L	2	4	P	
	2.1,2.3A	5% Diborane/Nitrogen	Diborane	5	19287-45-7	M,G	210.0	210.0	210	CF	365	L	2	4	P,F,R	

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Fairchild Imaging Non-Waste Hazardous Materials Inventory Statement
1801 McCarthy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
Flammable Gas Blockhouse 10F																
CAB-8		Nitrogen	Nitrogen	99	7727-37-9	P, G	456.0	456.0	228	CF	365	L	2	4	P	
(FOR STORAGE ONLY)	*THE CABINET CAN STORE ANY OF THESE:*															
CAB-3	2.1	Silane	Silane	99	7803-62-5	P,G	1000.0	1000.0	1000	GR	365	L	2	4	P,F,R	
	2.2	Phosphine Silane	Phosphine Silane	20 80	7803-51-2 7803-62-5	M,G	2500.0	2500.0	2500	GR	365	L	2	4	I,F,P P,F,R	
	2.3	Dichlorosilane	Dichlorosilane	99	4109-96-0	P,G	10.0	10.0	10	LB	365	L	2	4	I,F,P	
	2.1	Silane	Silane	99	7803-62-5	P,G	60.0	60.0	60	LB	365	L	2	4	P,F,R	
	2.2	Nitrogen	Nitrogen	99	7727-37-9	P, G	228.0	228.0	228	CF	365	L	2	4	P	
	THE CABINET CAN STORE ANY OF THESE.															
CAB-2	2.1, 2.3	Phosphine/ Nitrogen	Phosphine Nitrogen	22 78	7803-51-2 7727-37-9	M,G	204.0	204.0	204	CF	365	L	2	4	I,F,P	
	2.3	Ammonia	Ammonia	99	7764-41-7	P, G	15.0	15.0	15	LB	365	L	2	4	I, P	
	2.2	Nitrogen	Nitrogen	99	7727-37-9	P, G	228.0	228.0	228	CF	365	L	2	4	P	

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10G-1																
N-CAB-27	2.2	Carbon Dioxide	Carbon Dioxide	100	124-38-9	G,P	60.0	60.0	60	LBS	365	L	2	4	P	

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1801 McCarthy Boulevard, Milpitas, CA 95035

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10G-2 N-CAB-27	2.2	Freon 14	Freon 14	99	75-73-01	P,G	200.0	400.0	200	CF	365	L	2	4	P	
	2.2	Freon 23	Freon 23	99	75-46-7	P,G	200.0	200.0	200	CF	365	L	2	4	P	
	2.2	Helium	Helium	100	7440-59-7	P,G	218.0	218.0	218	CF	365	L	2	4	P	

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STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
12 Assembly (SAW Room)	3-PGII	Acetone	Acetone	99	67-64-1	P,L	3.0	2.0	1	GA	365	N	1	4	F	
	3-PGII	Isopropyl Alcohol	Isopropanol	100	67-63-0	P,L	2.0	2.0	1	GA	365	N	1	4	F	
	3-PGIII	Markem Specialty Ink 7224 Silve	Tribulty Phosphate Hexahydrophthalic Anhydri	20-50 5	126-73-9 85-42-7	M,S	0.3	0.3	0.25	LB	365	N	1	4	F	
	3-PGI	Methanol	Methanol	8-4	67-56-1	P,L	2.0	2 0	1	GA	365	N	1	4	F	
	3-PGII	Markem 320 Cleaner	Ethyl Acetate Isopropanol	40-60 40-60	141-78-6 67-63-0	M,L	2.0	2.0	1	GA	365	N	1	4	F	
	3	Marken ZY Thinner	n-Butyl Acetate	70	123-86-4	M,L	32.0	32.0	16	OZ	365	M	1	4	F	
	3	Marken Specialty Ink 4481	Propylene Carbonate n-Butyl Acetate	<10 <10	108-32-7 123-86-4	M,L	1.0	1.0	1	PT	365	R	1	4	F	
	3	Markem Specialty Ink 4481 Black	Propylene Carbonate n-Butyl Acetate	<10 <10	108-32-7 123-86-4	M,L	4.0	4.0	4	OZ	365	R	1	4	F	
	3-PGII	N-Methyl Pyrrolidone	N-Methyl Pyrrolidone	99	872-50-4	P,L	1.0	1 0	1	GA	365	M	1	4	F,I	
	8-PGII	Epoxy Hardener XW 397	Isophorone Diamine	N/A	N/A	M,L	0.5	0.5	0.3	KG	365	R	1	4	I	
	8-PGII	Epoxy Hardener XW 396	Isophorone Diamine	N/A	N/A	M,L	0.3	0.3	0.3	KG	365	R	1	4	I	
	NR	EPO TEK 301-2 Part B	N/A	N/A	N/A	M,L	8.0	4.0	4	OZ	365	N	1	4	I	
	NR	EPO TEK 301-2 Part A	N/A	N/A	N/A	M,L	8.0	4.0	4	OZ	365	N	1	4	I	
	3	Dynasolve 225	Petroleum naphtha Dodecylbenzene sulfonic acid	60-100 30-10	64741-66-8 27176-87-0	M, L	10.0	1.0	1	qt	365	R	1	4	F	
	3	Humiseal Thinner 73	Butyl acetate	100	123-86-4	L	1.0	1.0	1	GA	365	F	1	4	F,I,D	

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If you have to store any additional quantities please call x2660

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	AVG	LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	PRES	TEMP	SARA CLASS	OFFICIAL USE ONLY
12 ASSEMBLY																
	NR	RTV 664 A	Quartz Vinyl/STPD Polydimethylsiloxane Vinyl Containing Resin	30-60 30-60 10-30	14808-60-7 68083-19-2 68584-83-8	M,S	1.0	1.0	1	LB	365	F	1	4	N	
	NR	RTV 664 B	Quartz Vinyl/STPD Polydimethylsiloxane Vinyl Containing Resin	30-60 30-60 10-30	14808-60-7 68083-19-2 68584-83-8	M,S	1.6	1.6	1.6	OZ	365	N	1	4	N	
	ORM-E	TRA-BOND 2151 Resin	Epoxy Resin Mixture Non-Haz. Ingredients	10-30 70-90	25068 N/A	M,S	2.0	2.0	2	CC	365	R	1	4	N	
	ORM-E	TRA-BOND 2151 Hardener	Polyglycol Bis Propylamine	80-100	4246-51-9	M,S	2.0	2.0	2	CC	365	R	1	4	N	
	ORM-E	TRA-DUCT 2902 Resin	Epoxy Resin Mixture Silver Powder	< 30 < 80	25068-38-6 7440-22-4	M,S	20.0	20.0	2	CC	365	R	1	6	N	
	ORM-E	TRA-DUCT 2902 Hardener	Aliphatic Alkylamines Resins	100	N/A	MS	20.0	20.0	2	CC	365	R	1	6	N	
	NR	A-12 Part-A	Epichlorohydrin Resin Calcium Carbonate	60-90 10-30	25068-38-6 1317-65-3	M,S	7.5	7.5	2.5	OZ	365	R	1	4	N	
	NR	A-12 Part-B	Aluminum Oxide Triethylenetetramine	30-40 5-10	1344-28-1 112-24-3	M,S	7.5	7.5	2.5	OZ	365	R	1	4	N	
	NR	TRA-DUCT FS-442 Hardener	Aliphatic Polyglycol Amines and Resin Mixtures	100	N/A	MS	6.0	6.0	2	CC	365	R	1	4	N	
	NR	TRA-DUCT FS-442 Resin	Epoxy Resin Mixture Silver Powder	10-30 60-80	N/A 7440-22-4	M,S	6.0	6.0	2	CC	365	R	1	4	N	
	3-PG II	N-Methyl-Pyrrolidone	N-Methyl-Pyrrolidone	99	872-50-4	L	1.0	1.0	1	GA	365	M	1	4	F,I,D	
	8-PG II	Epoxy Harden XW 397	Isophorone Diamine	NA	NA	L	0.3	0.3	0.3	KG	354	R	1	4	I,D	
	8-PG II	Epoxy Harden XW 396	Isophorone Diamine	NA	NA	L	0.3	0.3	0.3	KG	354	R	1	4	I,D	

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If you have to store any additional quanties please call x2660

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
13																
COMPONENT ENG. LAB (2K)	NR	EPO TEK 301-2 Part B	N/A	N/A	N/A	M,L	4.0	4.0	4	OZ	365	N	1	4	I	
	NR	EPO TEK H20E Part B	N/A	N/A	N/A	M,L	2.0	2.0	2	OZ	365	N	1	4	I	
	3-PGI	Primmer S-11 Cleaner	Aliphatic Petroleum Naphtha	80-90	N/A	M,L	32.0	32.0	16	OZ	365	M	1	4	F	
	8-PGII	Epoxy Hardener 5-Minute	2,4,6-Tri(Dimethylaminomethyl)Phen	10-20	90-72-2	M,S	20.0	20.0	2.5	OZ	365	R	1	6	I	
	8-PGII	Epoxy Hardener XW-397	Isophorone Diamine	N/A	N/A	L	0.3	0.3	0.3	KG	365	R	1	4	I	
	8-PGII	Epoxy Hardener XW-396	Isophorone Diamine	N/A	N/A	L	0.3	0.3	0.3	KG	365	R	1	4	I	
	8-PGII	Oxybond 109 DP Hardener	Polyglycol Diamine Epoxy Resin	>50 >20	4246-51-9 N/A	M,L	150.0	150.0	50	ML	365	R	1	4	I	
	NR	RJ-LR8-2N Adhesive, Part B	epoxy resin bipheneola epoxy resin cyanoguanidine imidazol organosilane ester hydrous magnesium silicate silicon dioxide silicon dioxide	20-50 5-20 2-5 <1 <1 10-40 1-3 10-40	1675-54-3 25068-38-6 461-58-5 61698-32-6 2530-83-8 14807-96-6 67762-90-7 7631-86-9	M,L	4.0	4.0	4	OZ	365	R	1	4	I	
	NR	3140 RTV Coating	Trimethylated silica Methyltrimethoxysilane	16 6	68909206 1185553	M.S	24.0	24.0	3	oz	365	N	1	4	F,I (1)	
	8-PG III	Circalok 6252	Polyoxypropylenediamine	>45	9046-10-0	M,L	24.0	12.0	24	oz	365	M	1	4	I,D	
	NR	Circalok 6037	Proprietary Epoxy Resin	>30	Proprietary	M,S	9.0	5.0	3	LB	365	N	1	4	I,D	
	NR	EP29LPSP	Liquid epoxy novolac resin blend, Liquid epoxy biophenol A resin		28064144 25068386	M,L	3.0	1.0	1	QT	365	R	1	4	I,D	

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If you have to store any additional quantities please call **x2660**

Fairc[illegible]maging:Non-Waste Hazardous Materials Inventory Statement
1801 [illegible]thy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	AVG	LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	PRES	TEMP	SARA CLASS	OFFICIAL USE ONLY
14 (Camera)	3-PGII	Weld on 2354 Solvent Cement	Methyl Ethyl Ketone	>90	78-93-3	M,L	1.0	1.0	1	GA	365	F	1	4	F	
	3	Tech Spray Fine-L-Kote AR	Acetone Toluene	<10 <25	67-64-1 108-88-3	M,L	12.0	12.0	12	OZ	365	R	1	4	F	
	3-PGII	Isopropyl Alcohol	Isopropanol	100	67-63-0	P,L	2.0	2.0	1	GA	365	N	1	4	F	
	3-PGII	Acetone	Acetone	9-4	67-64-1	P,L	2.0	2.0	1	GA	365	N	1	4	F	
		Conductive Cleaner	N/A	N/A	N/A	M,L	96.0	96.0	32	OZ	365	F	1	4		
	3-PGII	Rosin Flux 135	Propanol Rosin	59 2-10	67-63-0 8050-09-7	M,L	1.0	1.0	1	QT	365	M	1	4	F	
	3-PGII	Rosin Flux 197	Propanol Modified Rosin	59 2-6	67-63-0 8050-09-7	M,L	1.0	1.0	1	GA	365	M	1	4	F	
	3-PGIII	Tek Pak 712 Accelerator	Isopropanol	95-100	67-63-0	M,L	5.6	5.6	0.7	OZ	365	F	1	4	F	
	3-PGIII	Tek Pak 7452 Accelerator	Acetone Isobutane	70-75 15-20	67-64-1 75-28-5	M,L	26.0	26.0	1.75	OZ	365	M	1	4	F	
		CA 40 3M	Ethyl Cyanoacrylate	98-100	7085-85-0	M,L	6.0	6.0	1	OZ	365	M	1	4	I	
		CA 7 Instant Adhesive	Methyl Cyanacrylate	96-100	137-05-3	M,L	6.0	6.0	1	OZ	365	M	1	4	I	
	3	Dap wWeldwood Original Contact Cement	Lactol Spirit Toluene 1,1,1, Trichloroethane	40-50 15-25 15-20	64742-89-8 108-88-3 71-55-6	M,L	32.0	25.0	32	OZ	365	F	1	4	F	
	NR	Dow 3140 RTV Coating	Trimetilated Silica Methytrimethoxysilane	16 6	68909206 1185553	M	18.0	16.0	3	OZ	365	R	1	4	N	
		Scotch Weld 2216 part A and B				M	10.0	10.0	5	GA	365	R	1	4	F	

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Fairc aging:Non-Waste Hazardous Materials Inventory Statement
1801 ny Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
14 (Camera)	2.2	Envirotech DUSTER 1671	1,1,1,2-Tetrafluoroethane	100	811-97-2	L	10.0	8.0	10	OZ	365	F	1	4	N	
	NR	Flux Cored Solder "285"	Lead	37	7439-92-1	S	96.0	80.0	6	OZ	365	R	1	4	F	
			Antimony	63	7440-36-0											
	NR	Flux Cored solder "44"	Rosin	<3	8050-09-7	S	96.0	80.0	6	OZ	365	R	1	4	F	
	3	Lens cleaner M 6015	IPA		67-63-0	M,L	6.0	4.0	2	OZ	365	N	1	4	F	
			Acetic Acid													
			Acetone		67-64-1											
	9	Loctitte 382 Instant Adhesive	Ethyl Cyano acrylate	85-90	7085-85-0	M,L	4.2	3.0	0.7	OZ	365	N	1	4	F	
			Poly methyl methacrylate	10-15	9011-14-7											
			silica amorphous, fumed	1-3	112945-52-5											
			Phtalic anhydride	0.1-1	85-44-9											
	9	Scotch-Weld Epoxy Adhesive	Amine Terminated Polyn	40-70		S	2.0	2.0	1	G	365	F	1	4	I	
			Kaolin	30-60												
			Carbon Black	.01-.08												
	3-PG II	Depend(R) Activator 7075	Acetone	85-90	67-64-1	L	4.5	4.5	4.5	OZ	365	F	1	4	I	
			Butanal-aniline condensa	15-20	9003-37-6											
	9	SpeedBonder (TM) 325 Adhesive	Polyurethane methacryla	55-60	Proprietary	L	1.7	1.7	1.7	OZ	365	N	1	4	I,D	
			Polyglycol dimethacrylat	25-30	109-16-0											
			Hydroxyalkyl methacryla	5-10	27813-02-1											
			Acrylic Acid	3-5	79-10-7											
			tert-Butyl Peroxybenzoat	1-3	614-45-9											
			Cumene Hydroperoxide	1-3	80-15-9											
			Saccharin	.1-1	81-07-2											
			Substituted Silane	.1-1	2530-85-0											
	9	Circalok 6037	Epoxy resin	30	Proprietary	L	1.0	1.0	1	QT	365	F	1	4	D	
			N-Butyl glycidyl ether	2	08/06/2426											
			Carbon black	1	1333-86-4											

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STORAGE FACILITY ID:	DL HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
14 (Camera)	8-PG III	Circalok 6252	Polyoxypropylenediamin	45	9046-10-0	L	2.0	2.0	2	OZ	365	M	1	4	D	
			Amine compound	45	Proprietary											
			Triethanolamine	10	102-71-6											
			Piperazine	3	110-85-0											
			Amine curing agent	2	31326-29-1											
			Bisphenol A	2	80-05-7											
	9	Sylgard 170 Silicone Elastomer, A	Quartz	46	14808607	L	2.0	2.0	1	LB	365	R	1	4	N	
	9	Slygard 170 Silicone Elastomer, B	Quartz	47	14808607											
			Dimethyl Methylhydrogen Polysiloxane Copolymer	6	68037592	L	2.0	2.0	1	LB	365	R	1	4	N	
	9	CV-2946 Part A	Boron Nitride	65	10043-11-5	S	7.0	7.0	7	GM	365	R	1	4	N	
	9	XV-2946 Part B	Silicone	100		L	94.0	94.0	94	GM	365	M	1	4	N	
	9	3145 RTV Mil-A-46146	Methyltrimethoxysilane	7	1185553	S	10.0	10.0	10	OZ	365	R	1	4	I	
			Trimethylated silica	24	68909206											
	9	Loctite 222 MS	Polyglycol dimethacrylat	50-55	25852-47-5	S	1.7	1.7	1.69	OZ	365	N	1	4	I	
			Polyglycol oleate	35-40	9004-96-0											
			Saccharin	3-5	81-07-2											
			Cumene Hydroperoxide	1-3	80-15-9											
			Propylene glycol	1-3	57-55-6											
			Silica, amorphous, fumed	1-3	112945-52-5											
			N,N-Dialkyltouidines	.1-1	613-48-9											
			Titanium dioxide	.1-.5	13463-67-7											
	9	Dow Corning RTV Sealant 739	Methlytrimethoxysilane	2	1185553	S	10.0	10.0	10	OZ	365	R	1	4	N	
			Carbon Black	1	1333864											
			Silica, Amorpous	4	7631869											
			Calcium Carbonate, treated with Strearic Acid	53	NA-000795											

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STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	AVG	LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	PRES	TEMP	SARA CLASS	OFFICIAL USE ONLY
14 (Camera)	2.2	Liquid Nitrogen	Nitrogen	100	7727-37-0	P,L	230.0	230.0	230	Liters	365	L	2	7	P	
	2.2	Helium	Helium	100	7440-59-7	P,G	218.0	218.0	218	CF	365	P,G	2	4	P	

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15 (2K)	2.2	Carbon Dioxide	Carbon Dioxide	100	124-38-9	P,G	456.0	440.0	228	CF	365	L	2	4	P	
	2.2, PG II	Helium	Helium	100	7440-59-7	P,G	218.0	218.0	218	CF	365	L	2	4	P	
	3-PG II	Isopropyl Alcohol	Isopropanol	100	67-63-0	P,L	3.0	2.0	1	GA	365	N	1	4	F	
	3-PG I	Methyl Alcohol	Methanol	100	67-56-1	P,L	3.0	2.0	1	GA	365	N	1	4	F	
	3	Acetone	Acetone	100	67-64-1	P,L	3.0	2.0	1	GA	365	N	1	4	F	

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15b GEMS Room	NR	Apiezon grease	Petroleum Product	100	68335-36-4	M,L	200.0	100.0	100	GR	365	R	1	4	N	
	3-PG II	Isopropyl Alcohol	Isopropanol	100	67-63-0	P,L	2.0	1.0	1	GA	365	N	1	4	F	
	3-PG I	Methyl Alcohol	Methanol	100	67-56-1	P,L	4.0	2.0	1	GA	365	N	1	4	F	
	3	Acetone	Acetone	100	67-64-1	P,L	4.0	2.0	1	GA	365	F	1	4	F	
	2	Oxygen	Oxygen	100	7782-44-7	P,G	250.0	250.0	250	CF	365	L	2	4	F	

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STORAGE FACILITY ID:	C HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	AVG	LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	PRES	TEMP	SARA CLASS	OFFICIAL USE ONLY
16		This page intentionally left blank														

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STORAGE FACILITY ID:	DO. HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	AVG	LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	PRES	TEMP	SARA CLASS	OFFICIAL USE ONLY
17 LINE MAINT. SHOP	NR	Flomblin Oil	Perflorinated Polyethers	N/A	69991-67-9	M,L	60.0	60.0	2	KG	365	N	1	4	N	
	3-PGI	Diffoil-20	Refined Petroleum Oil	N/A	64741-88-4	M,L	5.0	5.0	1	GL	365	N	1	4	F	
	NR	Apiezon L Grease	N/A	N/A	N/A	M,L	8.0	8.0	8	OZ	365	R	1	4	N	
	NR	TFE Paste	Isopropyl Alcohol Butyl Oxitol	10-15 13-18	67630 111-76-2	M,L	30.0	30.0	30	ML	365	R	1	4	N	
	NR	Dow Corning 705(R) Diffusion Pump Fluid	Silicone Compound	N/A	N/A	M,L	2.0	2.0	1	QT	365	R	1	4	N	
	NR	Dow Corning (R) High Vacuum Grease	Silica, Amorphous	9	007631869	M,L	16.0	16.0	8	OZ	365	M	1	4	N	
	NR	Solder Sn63X38B	Lead Tin	37 63	7439-92-1 7440-31-5	M,S	3.0	3.0	1	LBS	365	F	1	4	N	
	NR	Cooling System Cleanser 2131N, #7	Sodium Carbonate Oxalic Acid Dihydrate Sodium Naphtalenesulfonate	N/A N/A N/A	497-19-8 6153-56-6 9008-63-3	M,L	10.0	10.0	10	OZ	365	N	1	4	I	
	NR	Comet Liquid Gel Bleach & Cleaner	Sodium Hypochlorite Sodium Hydroxide	1 0.9	7681-52-9 1310-73-2	M,L	21.0	21.0	21	OZ	365	N	1	4	LD	
	NR	PRESTONE Heavy Duty Cooling Syst. Cleaner	Oxalic Acid Magnesium Aluminum Silicate	90-98 1-5	144-62-7 8031-18-3	M,S	9.0	9.0	9	OZ	365	N	1	4	N	
	NR	Ethylene Glycol	Ethylene Glycol	100	107-21-1	P,L	2.0	2.0	1	GA	365	N	1	4	N	
	NR	Dylon Leak Detector	Biocide	<0.1	4719-04-4	M,L	4.0	4.0	4	OZ	365	N	1	4	N	
	NR	PRESTONE Antifreeze/ Coolant	Ethylene Glycol Diethylene Glycol	80-95 0-8	107-21-1 111-46-6	M,L	1.0	1.0	1	GA	365	N	1	4	N	
	NR	EPK 660 Part A Varian-Torreeal	Quartz Epoxy Resin	0.6 30-60	14808-60-7 25068-38-6	M,L	8.0	8.0	8	OZ	365	R	1	4	N	
	NR	EPK 660 Part B Varian-Torreeal	Crystalline Silica Diethylenetriamine Epoxy Resin	15.6 10-30 10-30	14808-60-7 111-40-0 25068-38-6	M,L	8.0	8.0	8	OZ	365	R	1	4	N	
	NR	Santovac 5 Vacuum Pump Fluid	Polyphenyl ether (Trade secret)	N/A	N/A	M,L	1.0	1.0	1	L	365	N	1	4	N	

(MSDS) shall be readily available on the premises for hazardous materials listed above.

*DO NOT STORE ANY CHEMICALS THAT ARE NOT LISTED ABOVE.

*ITS ILLEGAL TO STORE MORE THAN MAXIMUM QUANTITIES FOR THIS LOCATION (Highlighted Area)
If you have to store any additional quanties please call x2660

TORAGE ACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	AVG	LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	PRES	TEMP	SARA CLASS	OFFICIAL USE ONLY
17 Line Maint. Shop	n/a	Flomblin Oil	Perfluorinated Polyethers		69991-67-9	M,L	60.0	60.0	2	KG	365	N	1	4	N	
	3-PGI	Diffoil 20	Refined Petroleum Oil		64741-88-4	M,L	5.0	5.0	1	GA	365	N	1	4	F	
		Ethylene Glycol	Ethylene Glycol	4-9	107-21-1	P,L	2.0	2.0	1	GA	365	N	1	4	D	
	NR	Amax solvent Cleaner and Degreaser					14.0	7.0	14	OZ	365	N	1	4		
	NR	Apiezon L Grease				M,L	4.0	3 0	4	oz	365	N	1	4	N	
		HE 200 Fluid	Non Hazardous (OHCS),Refined Petrleum oil 100%	100		M,L	30.0	20.0	30	oz	365	N	1	4	N	
	3	Isopropanol	Isopropanol	100	67-63-0	P,L	2.0	1.5	2	GAL	365	N	1	4	F	
	n/a	Krytox Preformnce Lubricants	Perfluorinated Polyethers		69991-67-9		10.0	7.0	10	oz	365	N	1	4	N	
	NR	Preston Antifreeze Coolant	Ethylene Glycol Diethylne Glycol	80-95 0-8	107-21-1 111-46-6	M,L	2.0	1.0	2	GAL	365	N	1	4	N	
	NR	Santovac 5 Vacum Pump Fluid	Polyphenyl ether			L	500.0	300.0	500	ML	365	N	1	4	N	
	NR	Snoop Liquid Leak Detector				M,L	120.0	100.0	120	oz	365	N	1	4	N	
	NR	Contact Cleaner and Lube				M,L	16.0	10.0	16	oz	365	N	1	4	N	
	NR	Spra Clean				M,L	11.0	8.0	11	oz	365	N	1	4	N	
	NR	Liquid Wrench				M,L	11.0	8.0	11	oz	365	N	1	4	N	

(MSDS) shall be readily available on the premises for hazardous materials listed above.

***DO NOT STORE ANY CHEMICALS THAT ARE NOT LISTED ABOVE.**

***ITS ILLEGAL TO STORE MORE THAN MAXIMUM QUANTITIES FOR THIS LOCATION (MAX Column)**
If you have to store any additional quantities please call **x2660**

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AGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	AVG	LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	PRES	TEMP	SARA CLASS	OFFICIAL USE ONLY
19 Janitor CAB		Stainless Steel Cleaner Polish	Petroleum Hydrocarbon Mixture	>100%	8030306		16.0	16.0	1	OZ	365	R				
		Stainless Steel Polish & Conditioner	Spray				12.0	12.0	1	OZ	365	R				
		Floor Care														
		415-786-4567														
		Cleaner	Sodium Dodcyl Benzene Sulfate	<5	68081-81-2											
		Ajax Oxygen Bleach Cleanser	Ground Calcite	84	000471-34-1		10.0	10.0	1	LB	365	R				
		Lemon Oil Polish-Plastic	Petroleum Hydrocarbon Mixture	>100%	8030306		1.0	1.0	1	GA	365	R				
		Lemon Oil Polish-Spray					12.0	12.0	1	OZ	365	R				
		Restore Floor Restorer	Water Non-Ionic Surfactant	80-100	7732-18-5 9036-10-6		16.0	16.0	1	OZ	365	R				
		Non-Acid Bowl Cleaner					32.0	32.0	1	OZ	365	R				
		3M Quat Disinfectant Cleaner Concentrate	Water, Alkyl, Dimethyl Benzyl Ammonium Chloride				1.0	1.0	1	GA	365	R				
		Glass Cleaner Concentrate 3M	Water, Surfactant, Acetic Acid				1.0	1.0	1	GA	365	R				
		Neutral Cleaner - 3M	Water, Hydroxyalkyl, Amine Oxides				1.0	1.0	1	GA	365	R				
		Shells Shine Polish & Surface Preservative	Perchloroethylene	18-20	127-18-4		1.0	1.0	1	GA	365	F	1	4		
		Windo glass Cleaner	Water Pigments, Catalyst, Slovents	85 15			2.0	2.0	1	GA	365	N	1	4		

(MSDS) shall be readily available on the premises for hazardous materials listed above.

***DO NOT STORE ANY CHEMICALS THAT ARE NOT LISTED ABOVE.**

***ITS ILLEGAL TO STORE MORE THAN MAXIMUM QUANTITIES FOR THIS LOCATION (Highlighted Area)**
If you have to store any additional quantities please call **x2650**

S E FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	AVG	LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	PRES	TEMP	SARA CLASS	OFFICIAL USE ONLY
20A Shipping & Receiving	Misc. (Irritant)	Epoxy resins (Freezer Storage)				M,S	4.0	2.0	<1	LB	365	R	1	6	I	
Cold Storage	Misc. (Irritant)	Epoxy Resins (Refrigerator Storage)				M,S	20.0	10.0	<1	LB	365	R	1	6	I	

(MSDS) shall be readily available on the premises for hazardous materials listed above.

*DO NOT STORE ANY CHEMICALS THAT ARE NOT LISTED ABOVE.

*ITS ILLEGAL TO STORE MORE THAN MAXIMUM QUANTITIES FOR THIS LOCATION (Highlighted Area)
If you have to store any additional quantities please call x2660

FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
208 Shipping & Receiving	Corrosive	Araldite 2020	Epoxy Resin Isophorone Diamine			M,L	8.0	8.0	1.1	LB	365	R	1	4	I,D	
	Flammable	Loctite 7075	Acetone Isobutane		67-64-1 75-28-5	M,L	9.0	9.0	4.5	OZ	365	F	2	4	I,D	
	Misc. (Irritant)	Epoxy Resins and Silicone Materials				M,L	30.0	30.0	<5	LB	365	R	1	4	I,D	

(MSDS) shall be readily available on the premises for hazardous materials listed above.

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*ITS ILLEGAL TO STORE MORE THAN MAXIMUM QUANTITIES FOR THIS LOCATION (Highlighted Area)
If you have to store any additional quantities please call x2660

S E FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	AVG	LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	PRES	TEMP	SARA CLASS	OFFICIAL USE ONLY
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(MSDS) shall be readily available on the premises for hazardous materials listed above.

***DO NOT STORE ANY CHEMICALS THAT ARE NOT LISTED ABOVE.**

***ITS ILLEGAL TO STORE MORE THAN MAXIMUM QUANTITIES FOR THIS LOCATION (Highlighted Area)**
If you have to store any additional quantities please call **x2660**

Fairchild Imaging: Non-Waste Hazardous Materials Inventory Statement
1801 McCarthy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
21	2.2	Liquid Nitrogen	Nitrogen	100	7727-37-0	P,L	460.0	460.0	230	Liters	365	L	2	7	P	

MSDS) shall be readily available on the premises for hazardous materials listed above.

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***ITS ILLEGAL TO STORE MORE THAN MAXIMUM QUANTITIES FOR THIS LOCATION (Highlighted Area)**
If you have to store any additional quantities please call **x2660**

LOCKH... Solid Systems Non-Waste Hazardous materials Inventory Statement
1801 McCarthy ...ward, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
23 CHAISE																
	8-PG II	Microposit 354 Developer	Sodium Hyddroxide	3	1310-73-2	M,L	5.0	5.0	5	GA	365	L	1	4	R,I	
			Water	92	7732-18-5											
	8-PGII	Microposit (R) MF-319 Developer	Tetramethyl Ammonium		75-59-2	M, L	5.0	5.0	5	GA	365	N	1	4	R,D	
			water													
	8PG-II	Microposite Developer (R) 327	Tetramethy Ammonium Hydroxide	97	75-59-2	M,L	5.0	5.0	5	GA	365	N	1	4	R	
		Microposit Thinner Type A	2-Echoxyethylactate			M,L	20.0	20.0	5	GA	365	L	2	4	I,R	
	3-PG II	Hexamethyldisilazane	Hexamethyldisilazane	100	999-97-3	P, L	1.0	1.0	1	GA	365	L	2	4	F, I	
	8-PGII	Microposit (R) MF-319 Developer	Tetramethyl Ammonium		75-59-2	M, L	1.0	1.0	1	GA	365	L	2	4	R,D	
			water													
	8-PGII	Microposit (R) MF-319 Developer	Tetramethyl Ammonium		75-59-2	M, L	10.0	10.0	5	GA	365	L	2	4	R,D	
			water													

(MSDS) shall be readily available on the premises for hazardous materials listed above.

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If you have to store any additional quanties please call x2660

rchild Imaging:Non-Waste Hazardous Materials Inventory Statement
McCarthy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	QUANTITY ON HAND AVG	QUANTITY ON HAND LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	STORAGE CODE PRES	STORAGE CODE TEMP	SARA CLASS	OFFICIAL USE ONLY
24 IR Lab	NR	T-gon 415-22P, Part A - Silicone Adhesive	Polydimethylsiloxane	70-90	68083-19-2	M,L	40.0	20 0	16	OZ	365	N	1	4	N	
	NR	T-gon 415-22P, PartB	Polydiemethylsiloxane	30-60	68083-19-2	M,L	8.0	4.0	4	OZ	365	N	1	4	N	
			Polydiemthylhydrogensiloxane	30-60	68988-57-9											
	3-PGI	Methanol		100	67-56-1	P.L	250.0	200 0	200	ML	365	N	1	4	F	
	3-PGII	Isopropyl Alcohol		100	67-63-0	P L	250.0	200 0	200	ML	365	N	1	4	F	
	3-PGII	Acetone		100	67-64-1	P L	250.0	200.0	200	ML	365	N	1	4	F	
		Fe- 55	100 micro curie source			P,S	2	2	1	each	365	R	1	4	D	
		Cd-109	100 micro curie source			P,S	2	2	1	each	365	R	1	4	D	
	2.2	Liquid Nitrogen	Nitrogen	100	7727-37-0	P,L	1.0	1.0	1	Liters	365	L	2	7	P	

(MSDS) shall be readily available on the premises for hazardous materials listed above

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If you have to store any additional quantities please call x2660

Fairchild Imaging Non-Waste
1801 McCarthy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	AVG	LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	PRES	TEMP	SARA CLASS	OFFICIAL USE ONLY
25 Adjacent to MDA	2.2	Nitrogen	Nitrogen	100	7227-37-9	P,G	228.0	228	228	CF	365	L	2	4	P	

(MSDS) shall be readily available on the premises for hazardous materials listed above.

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If you have to store any additional quantities please call **x2660**

Fairchild Imaging Non Waste HazMat Inventory
1801 McCarthy Boulevard, Milpitas, CA 95035

STORAGE FACILITY ID:	DOT HAZARD CLASS	COMMON / TRADE NAME	CHEMICAL NAME COMPONENTS AND CONCENTRATION	%	CAS#	PHYS STATE	QUANTITY ON HAND MAX	AVG	LARGEST CONTAINER	UNITS	DAYS ON SITE	STORAGE CODE TYPE	PRES	TEMP	SARA CLASS	OFFICIAL USE ONLY
26 Postal	3	Misc Flammable Liquids				L	20.0	20.0	1	GA	365	R	1	4	F	

(MSDS) shall be readily available on the premises for hazardous materials listed above.

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If you have to store any additional quantities please call **x2660**

SECTION IIA: FAB'S SINKS AND EQUIPMENT

SINKS & EQUIPMENT

Date: July 08, 1996

		LENGTH	WIDTH	DEPTH	ALLOWED CAP.	MAX. Cap
SINK-10	(Solv. Station # 2)					
	Acetone Filter Bath-IPA	10	10	14	2.8	6
	(Solv. Station # 5)					
SINK-11	IPA, Acetone,	8	8	14	2.2	3.85
	SMS-2070-C	8	7.5	13	1.9	3.35
	SMS-2070-C	8	7.5	13	1.9	3.35
	(Solv. Station # 1)					
SINK-16	ST-22	11	8	12	2.26	4.53
	ST-22	11	8	12	2.26	4.53
	GRIND					
	(Solv. Station # 4)					
SINK-30	ISO Dryer (Isopropyl Alcohol)	11.5	10.5	22	7.32	11.4
	ASSEMBLY					
SINK-A11	Solv. Station # 3					
	IPA, Acetone, or Methanol	11.25	8.5	16	4	6.56
	TOTAL				**21.84**	**37.57**
EQUIPMENT, USING ORGANIC CHEMS						
Positive Photoresist Applicator						
	MASKING					**MAX CAP**
	GCA Tracks 1(SPR 2 FX, 812 system, 40 APX)					2.5
	GCA Tracks 2(Polyimite)					0.06
	GCA Tracks 3(812 system, Polyimite, 40 APX)					1.56
	GCA Tracks 4(Ethyl Lactate)					0.5
	All tracks(EBR)					3
	SVG Track 5(SPE 2, System 812, HMDS)					3
	SVG Track 5(EBR)					5
Positive Developer Applicator						
	GCA Tracks 1(319 Developer)					1
	GCA Tracks 2(319 Developer)					1
	SVG Track 3(354 developer)					5
	GCA Tracks 4(319 Developer)					5
	SVG Track 5(319 and 327 developer)					10
	DIFFUSION					
	Bank 40 (TCA)					1
	Bank 40 (TCA)					0.5
	Bank 20(Phosphorusoxychloride)					1
	LAM 690 (Chloroform)					0.5
	TOTAL					**40.62**

	WET STATIONS						
	SINK	MASKING	LENGTH INCHES	WIDTH INCHES	DEPTH INCHES	MAX. CAP. GAL	
	SINK-12	BOE 6:1 Filter Bath	18	9	11	7.65	
		BOE 6:1 Filter Bath	18	9	11	7.65	
	SINK-13	SP Quench # 1 (Sulf. Acid)	11	7.5	8	2.8	
		SP Quench # 1 (Sulf. Acid)	11	7.5	8	2.8	
	SINK-14	Nitride Etch (Phosp. Acid)	11	7.5	8	2.8	
		KOH Quench # 1	11	7.5	8	2.8	
		KOH Quench # 2	11	7.5	8	2.8	
	SINK-15	PVX-Etch (Amm. Fluoride)	11	9.5	8	3.59	
		ENG (Hyd. Peroxide/ Sulf. Acid)	11	7.5	8	2.8	
	SINK-16	Metal Etch (Nitric Acid/ Phosp. Acid)	11	7.5	8	2.8	
		DIFFUSION					
	SINK-31	HF	8	6.5	7	1.56	
		HF	8	6.5	7	1.56	
	SINK-18	HF 10:1	11.5	9.5	7	3.28	
	SINK-19	Amm. Hydroxide/ Hyd. Peroxide	13.5	8	9	4.17	
		BOE 6:1	13.5	8	10	4.64	
		HCl/ Hydrogen Peroxide	13.5	8	9	4.17	
	CLEAN-3	Ammonium Hydroxide	17	14	10	10.21	
	CLEAN-2	Phosphoric Acid				4	
		HCl				4	
		Sulfuric Acid				4	
		Ammonium Hydroxide				4	
	SINK-20	Bottle Wash	N/A	N/A	N/A	0	
	SINK-21	Quartz Clean	N/A	N/A	N/A	0	
	SINK-22	Quartz Clean	N/A	N/A	N/A	0	
	CLEAN-4	Tube Wash	N/A	N/A	N/A	0	
		METAL					
	SINK-25	Amm. Hydroxide/ Hyd. Peroxide	7.5	7.5	7	1.69	
		HCl/ Hydrogen Peroxide	7.5	7.5	7	1.69	
		BOE Filter Bath (BOE 50:1)	18	9	11	7.65	
	SINK-24	Platinum Etch (HCl)	7.5	7.5	10	2.41	
	SINK-26	BOE Filter Bath (BOE 50:1)	14	9.5	10	5.71	
		ASSEMBLY					
	SINK-A12	Acid Sink (STAT-15)	10.5	11.5	8	4.15	
		- Hyd. Peroxide/ Sulf Acid					
		- Hyd. Peroxide/ Sulf Acid					
		- Hyd. Peroxide/ Sulf Acid					
		- Hyd. Peroxide/ Sulf Acid					
		GRIND					
	SINK-30	HF 10:1	10	10	1	0.43	
		TOTAL				107.81	

	EQUIPMENT, USING INORGANIC CHEMS						
	SEMI-TOOL						
		HF/Sulfuric Acid				5.8	
		HCL/Amm. Hydroxide				1	
		Hydrogen Peroxide				2.5	
		TOTAL				9.3	

VERSAR

ATTACHMENT 4

RMP LIST OF CHEMICALS

CONSOLIDATED LIST OF CHEMICALS SUBJECT TO THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT (EPCRA) AND SECTION 112(r) OF THE CLEAN AIR ACT

Risk Management Program (RMP) Chemicals

(TQ – Threshold Quantity)

Regulated Substance	CAS #	TQ (lbs)
1,1-Dichloroethylene	75-35-4	10,000
1,1-Dimethyl hydrazine	57-14-7	15,000
1,2-Ethanediamine	107-15-3	20,000
1,2-Propadiene	463-49-0	10,000
1,3-Butadiene	106-99-0	10,000
1,3-Butadiene, 2-methyl-	78-79-5	10,000
1,3-Pentadiene	504-60-9	10,000
1-Buten-3-yne	689-97-4	10,000
1-Butene	106-98-9	10,000
1-Butyne	107-00-6	10,000
1-Chloropropylene	590-21-6	10,000
1-Pentene	109-67-1	10,000
1-Propene	115-07-1	10,000
1-Propene, 1-chloro-	590-21-6	10,000
1-Propene, 2-chloro-	557-98-2	10,000
1-Propene, 2-methyl-	115-11-7	10,000
1-Propyne	74-99-7	10,000
2,2-Dimethylpropane	463-82-1	10,000
2-Butenal	4170-30-3	20,000
2-Butenal, (e)-	123-73-9	20,000
2-Butene	107-01-7	10,000
2-Butene, (E)	624-64-6	10,000
2-Butene-cis	590-18-1	10,000
2-Butene-trans	624-64-6	10,000
2-Chloropropylene	557-98-2	10,000
2-Methyl-1-butene	563-46-2	10,000
2-Methylpropene	115-11-7	10,000
2-Pentene, (E)-	646-04-8	10,000
2-Pentene, (Z)-	627-20-3	10,000
2-Propanamine	75-31-0	10,000
2-Propen-1-amine	107-11-9	10,000
2-Propen-1-ol	107-18-6	15,000
2-Propenal	107-02-8	5,000
2-Propenenitrile	107-13-1	20,000
2-Propenenitrile, 2-methyl-	126-98-7	10,000
2-Propenoyl chloride	814-68-6	5,000
3-Methyl-1-butene	563-45-1	10,000
Acetaldehyde	75-07-0	10,000

Acetic acid ethenyl ester	108-05-4	15,000
Acetylene	74-86-2	10,000
Acrolein	107-02-8	5,000
Acrylonitrile	107-13-1	20,000
Acrylyl chloride	814-68-6	5,000
Allyl alcohol	107-18-6	15,000
Allylamine	107-11-9	10,000
Ammonia (anhydrous)	7664-41-7	10,000
Ammonia (conc 20% or greater)	7664-41-7	20,000
Arsenous trichloride	7784-34-1	15,000
Arsine	7784-42-1	1,000
Aziridine	151-56-4	10,000
Aziridine, 2-methyl	75-55-8	10,000
Benzene, 1,3-diisocyanato -2-methyl-	91-08-7	10,000
Benzene, 1,3-diisocyanatomethyl-	26471-62-5	10,000
Benzene, 2,4-diisocyanato -1-methyl-	584-84-9	10,000
Bis(chloromethyl) ether	542-88-1	1,000
Borane, trichloro-	10294-34-5	5,000
Borane, trifluoro-	7637-07-2	5,000
Boron trichloride	10294-34-5	5,000
Boron trifluoride	7637-07-2	5,000
Boron trifluoride compound with methyl ether (1:1)	353-42-4	15,000
Boron, trifluoro[oxybis[methane]] -, (T-4)-	353-42-4	15,000
Bromine	7726-95-6	10,000
Bromotrifluoroethylene	598-73-2	10,000
Butane	106-97-8	10,000
Butane, 2-methyl-	78-78-4	10,000
Butene	25167-67-3	10,000
Carbon disulfide	75-15-0	20,000
Carbon oxide sulfide (COS)	463-58-1	10,000
Carbonic dichloride	75-44-5	500
Carbonochloridic acid, 1-methylethyl ester	108-23-6	15,000
Carbonochloridic acid, methylester	79-22-1	5,000
Carbonochloridic acid, propylester	109-61-5	15,000
Carbonyl sulfide	463-58-1	10,000
Chlorine	7782-50-5	2,500
Chlorine dioxide	10049-04-4	1,000
Chlorine monoxide	7791-21-1	10,000

Chlorine oxide	7791-21-1	10,000
Chlorine oxide (ClO2)	10049-04-4	1,000
Chloroethane	75-00-3	10,000
Chloroform	67-66-3	20,000
Chloromethane	74-87-3	10,000
Chloromethyl ether	542-88-1	1,000
Chloromethyl methyl ether	107-30-2	5,000
Crotonaldehyde	4170-30-3	20,000
Crotonaldehyde, (E)-	123-73-9	20,000
Cyanogen	460-19-5	10,000
Cyanogen chloride	506-77-4	10,000
Cyanogen chloride ((CN)Cl)	506-77-4	10,000
Cyclohexanamine	108-91-8	15,000
Cyclohexylamine	108-91-8	15,000
Cyclopropane	75-19-4	10,000
Diborane	19287-45-7	2,500
Diborane(6)	19287-45-7	2,500
Dichloromethyl ether	542-88-1	1,000
Dichlorosilane	4109-96-0	10,000
Difluoroethane	75-37-6	10,000
Dimethylamine	124-40-3	10,000
Dimethyldichlorosilane	75-78-5	5,000
Dimethylhydrazine	57-14-7	15,000
Epichlorohydrin	106-89-8	20,000
Ethanamine	75-04-7	10,000
Ethane	74-84-0	10,000
Ethane, 1,1'-oxybis-	60-29-7	10,000
Ethane, 1,1-difluoro-	75-37-6	10,000
Ethane, chloro-	75-00-3	10,000
Ethanedinitrile	460-19-5	10,000
Ethaneperoxoic acid	79-21-0	10,000
Ethanethiol	75-08-1	10,000
Ethene	74-85-1	10,000
Ethene, 1,1-dichloro-	75-35-4	10,000
Ethene, 1,1-difluoro-	75-38-7	10,000
Ethene, bromotrifluoro-	598-73-2	10,000
Ethene, chloro-	75-01-4	10,000
Ethene, chlorotrifluoro-	79-38-9	10,000
Ethene, ethoxy-	109-92-2	10,000
Ethene, fluoro-	75-02-5	10,000
Ethene, methoxy-	107-25-5	10,000
Ethene, tetrafluoro-	116-14-3	10,000
Ethyl acetylene	107-00-6	10,000
Ethyl chloride	75-00-3	10,000
Ethyl cyanide	107-12-0	10,000

Ethyl ether	60-29-7	10,000
Ethyl mercaptan	75-08-1	10,000
Ethyl nitrite	109-95-5	10,000
Ethylene	74-85-1	10,000
Ethylene oxide	75-21-8	10,000
Ethylenediamine	107-15-3	20,000
Ethyleneimine	151-56-4	10,000
Ethyne	74-86-2	10,000
Fluorine	7782-41-4	1,000
Formaldehyde	50-00-0	15,000
Formaldehyde (solution)	50-00-0	15,000
Formic acid, methyl ester	107-31-3	10,000
Furan	110-00-9	5,000
Hydrazine	302-01-2	15,000
Hydrazine, 1,1-dimethyl-	57-14-7	15,000
Hydrazine, methyl-	60-34-4	15,000
Hydrochloric acid (conc 37% or greater)	7647-01-0	15,000
Hydrocyanic acid	74-90-8	2,500
Hydrofluoric acid (conc. 50% or greater)	7664-39-3	1,000
Hydrogen	1333-74-0	10,000
Hydrogen chloride (anhydrous)	7647-01-0	5,000
Hydrogen chloride (gas only)	7647-01-0	5,000
Hydrogen cyanide	74-90-8	2,500
Hydrogen fluoride (anhydrous)	7664-39-3	1,000
Hydrogen selenide	7783-07-5	500
Hydrogen sulfide	7783-06-4	10,000
Iron carbonyl (Fe(CO)5), (TB-5-11)-	13463-40-6	2,500
Iron, pentacarbonyl-	13463-40-6	2,500
Isobutane	75-28-5	10,000
Isobutyronitrile	78-82-0	20,000
Isopentane	78-78-4	10,000
Isoprene	78-79-5	10,000
Isopropyl chloride	75-29-6	10,000
Isopropyl chloroformate	108-23-6	15,000
Isopropylamine	75-31-0	10,000
Methacrylonitrile	126-98-7	10,000
Methanamine	74-89-5	10,000
Methanamine, N,N-dimethyl-	75-50-3	10,000
Methanamine, N-methyl-	124-40-3	10,000
Methane	74-82-8	10,000
Methane, chloro-	74-87-3	10,000
Methane, chloromethoxy-	107-30-2	5,000

Methane, isocyanato-	624-83-9	10,000
Methane, oxybis-	115-10-6	10,000
Methane, oxybis[chloro-	542-88-1	1,000
Methane, tetranitro-	509-14-8	10,000
Methane, trichloro-	67-66-3	20,000
Methanesulfenyl chloride, trichloro-	594-42-3	10,000
Methanethiol	74-93-1	10,000
Methyl chloride	74-87-3	10,000
Methyl chlorocarbonate	79-22-1	5,000
Methyl chloroformate	79-22-1	5,000
Methyl ether	115-10-6	10,000
Methyl formate	107-31-3	10,000
Methyl hydrazine	60-34-4	15,000
Methyl isocyanate	624-83-9	10,000
Methyl mercaptan	74-93-1	10,000
Methyl thiocyanate	556-64-9	20,000
Methyltrichlorosilane	75-79-6	5,000
Monoethylamine	75-04-7	10,000
Monomethylamine	74-89-5	10,000
Nickel carbonyl	13463-39-3	1,000
Nitric acid (>= conc 80%)	7697-37-2	15,000
Nitric oxide	10102-43-9	10,000
Nitrogen oxide (NO)	10102-43-9	10,000
Nitrous acid, ethyl ester	109-95-5	10,000
Oleum (fuming sulfuric acid)	8014-95-7	10,000
Oxirane	75-21-8	10,000
Oxirane, (chloromethyl)-	106-89-8	20,000
Oxirane, methyl-	75-56-9	10,000
Pentane	109-66-0	10,000
Peracetic acid	79-21-0	10,000
Perchloromethyl mercaptan	594-42-3	10,000
Phosgene	75-44-5	500
Phosphine	7803-51-2	5,000
Phosphorous trichloride	7719-12-2	15,000
Phosphorus oxychloride	10025-87-3	5,000
Phosphorus trichloride	7719-12-2	15,000
Phosphoryl chloride	10025-87-3	5,000
Piperidine	110-89-4	15,000
Plumbane, tetramethyl-	75-74-1	10,000
Propadiene	463-49-0	10,000
Propane	74-98-6	10,000
Propane, 2,2-dimethyl-	463-82-1	10,000
Propane, 2-chloro-	75-29-6	10,000
Propane, 2-methyl	75-28-5	10,000

Propanenitrile	107-12-0	10,000
Propanenitrile, 2-methyl-	78-82-0	20,000
Propene	115-07-1	10,000
Propionitrile	107-12-0	10,000
Propyl chloroformate	109-61-5	15,000
Propylene	115-07-1	10,000
Propylene oxide	75-56-9	10,000
Propyleneimine	75-55-8	10,000
Propyne	74-99-7	10,000
Silane	7803-62-5	10,000
Silane, chlorotrimethyl-	75-77-4	10,000
Silane, dichloro-	4109-96-0	10,000
Silane, dichlorodimethyl-	75-78-5	5,000
Silane, tetramethyl-	75-76-3	10,000
Silane, trichloro-	10025-78-2	10,000
Silane, trichloromethyl-	75-79-6	5,000
Sulfur dioxide (anhydrous)	7446-09-5	5,000
Sulfur fluoride (SF4), (T-4)-	7783-60-0	2,500
Sulfur tetrafluoride	7783-60-0	2,500
Sulfur trioxide	7446-11-9	10,000
Sulfuric acid (fuming)	8014-95-7	10,000
Sulfuric acid, mixture with sulfur trioxide	8014-95-7	10,000
Tetrafluoroethylene	116-14-3	10,000
Tetramethyllead	75-74-1	10,000
Tetramethylsilane	75-76-3	10,000
Tetranitromethane	509-14-8	10,000
Thiocyanic acid, methyl ester	556-64-9	20,000
Thiomethanol	74-93-1	10,000
Titanium chloride (TiCl4) (T-4)-	7550-45-0	2,500
Titanium tetrachloride	7550-45-0	2,500
Toluene diisocyanate (unspecified isomer)	26471-62-5	10,000
Toluene-2,4-diisocyanate	584-84-9	10,000
Toluene-2,6-diisocyanate	91-08-7	10,000
Toluenediisocyanate (mixed isomers)	26471-62-5	10,000
Trichloromethanesulfenyl chloride	594-42-3	10,000
Trichlorosilane	10025-78-2	10,000
Trifluorochloroethylene	79-38-9	10,000
Trimethylamine	75-50-3	10,000
Trimethylchlorosilane	75-77-4	10,000
Vinyl acetate	108-05-4	15,000

Vinyl acetate monomer	108-05-4	15,000
Vinyl acetylene	689-97-4	10,000
Vinyl chloride	75-01-4	10,000
Vinyl ethyl ether	109-92-2	10,000
Vinyl fluoride	75-02-5	10,000
Vinyl methyl ether	107-25-5	10,000
Vinylidene chloride	75-35-4	10,000
Vinylidene fluoride	75-38-7	10,000

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LIST OF LISTS

Consolidated List of Chemicals Subject to the Emergency Planning and Community Right-To-Know Act (EPCRA) and Section 112(r) of the Clean Air Act

- EPCRA Section 302 Extremely Hazardous Substances
- CERCLA Hazardous Substances
- EPCRA Section 313 Toxic Chemicals
- CAA 112(r) Regulated Chemicals For Accidental Release Prevention

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LIST OF LISTS
Consolidated List of Chemicals Subject to the Emergency Planning and Community Right-to-Know Act (EPCRA) and Section 112(r) of the Clean Air Act

This consolidated chemical list includes chemicals subject to reporting requirements under the Emergency Planning and Community Right-to-Know Act (EPCRA), also known as Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA)[1], and chemicals listed under section 112(r) of the Clean Air Act (CAA). This consolidated list has been prepared to help firms handling chemicals determine whether they need to submit reports under sections 302, 304, or 313 of EPCRA and, for a specific chemical, what reports may need to be submitted. It will also help firms determine whether they will be subject to accident prevention regulations under CAA section 112(r). Separate lists are also provided of Resource Conservation and Recovery Act (RCRA) waste streams and unlisted hazardous wastes, and of radionuclides reportable under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA). These lists should be used as a reference tool, not as a definitive source of compliance information. Compliance information for EPCRA is published in the Code of Federal Regulations (CFR), 40 CFR Parts 302, 355, and 372. Compliance information for CAA section 112(r) is published in 40 CFR Part 68. This document is also available in a searchable database format at http://www.epa.gov/ceppo/ap-otgu.htm.

The chemicals on the consolidated list are ordered both by the Chemical Abstracts Service (CAS) registry number and alphabetically. For the list ordered by CAS number, categories of chemicals which generally do not have CAS registry numbers, but which are cited under CERCLA, are placed at the front of the list. EPCRA section 313 categories are placed at the end of the list with their 313 category code.

The lists include chemicals referenced under five federal statutory provisions, discussed below. More than one chemical name may be listed for one CAS number because the same chemical may appear on different lists under different names. For example, for CAS number 8001-35-2, the names toxaphene (from the section 313 list), camphechlor (from the section 302 list), and camphene, octachloro- (from the CERCLA list) all appear on this consolidated list. The chemical names on the consolidated lists generally are those names used in the regulatory programs developed under EPCRA, CERCLA, and CAA section 112(r), but each chemical may have other synonyms that do not appear on these lists.

(1) EPCRA Section 302 Extremely Hazardous Substances (EHSs)

The presence of EHSs in quantities at or above the Threshold Planning Quantity (TPQ) requires certain emergency planning activities to be conducted. The extremely hazardous substances and their TPQs are listed in 40 CFR Part 355, Appendices A and B. For section 302 EHSs, Local Emergency Planning Committees (LEPCs) must develop emergency response plans and facilities must notify the State Emergency Response Commission (SERC) and LEPC if they receive or produce the substance on site at or above the EHS's TPQ. Additionally if the TPQ is met, facilities with a listed EHS are subject to the reporting requirements of EPCRA section 311 (provide material safety data sheet or a list of covered chemicals to the SERC, LEPC, and local fire department) and section 312 (submit inventory

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[1] This consolidated list does not include all chemicals subject to the reporting requirements in EPCRA sections 311 and 312. These hazardous chemicals, for which material safety data sheets (MSDS) must be developed under the Hazard Communication Standard (29 CFR 1910.1200), are identified by broad criteria, rather than by enumeration. There are over 500,000 products that satisfy the criteria. See 40 CFR Part 370 for more information.

form - Tier I or Tier II). The minimum threshold for section 311-312 reporting for EHS substances is 500 pounds or the TPQ, whichever is less.

TPQ. The consolidated list presents the TPQ (in pounds) for section 302 chemicals in the column following the CAS number. For chemicals that are solids, there may be two TPQs given (e.g., 500/10,000). In these cases, the lower quantity applies for solids in powder form with particle size less than 100 microns, or if the substance is in solution or in molten form. Otherwise, the 10,000 pound TPQ applies.

EHS RQ. Releases of reportable quantities (RQ) of EHSs are subject to state and local reporting under section 304 of EPCRA. EPA has promulgated a rule (61 FR 20473, May 7, 1996) that adjusted RQs for EHSs without CERCLA RQs to levels equal to their TPQs. The EHS RQ column lists these adjusted RQs for EHSs not listed under CERCLA and the CERCLA RQs for those EHSs that are CERCLA hazardous substances (see the next section for a discussion of CERCLA Rqs).

Note that ammonium hydroxide is not covered under section 302; the EHS RQ is based on anhydrous ammonia. Ammonium hydroxide (which is also known as aqueous ammonia) is subject to CERCLA, with its own RQ.

(2) CERCLA Hazardous Substances

Releases of CERCLA hazardous substances, in quantities equal to or greater than their reportable quantity (RQ), are subject to reporting to the National Response Center under CERCLA. Such releases are also subject to state and local reporting under section 304 of EPCRA. CERCLA hazardous substances, and their reportable quantities, are listed in 40 CFR Part 302, Table 302.4. Radionuclides listed under CERCLA are provided in a separate list, with RQs in Curies.

RQ. The CERCLA RQ column in the consolidated list shows the RQs (in pounds) for chemicals that are CERCLA hazardous substances. Carbamate wastes under RCRA that have been added to the CERCLA list with statutory one-pound RQs are indicated by an asterisk ("*") following the RQ.

Metals. For metals listed under CERCLA (antimony, arsenic, beryllium, cadmium, chromium, copper, lead, nickel, selenium, silver, thallium, and zinc), no reporting of releases of the solid form is required if the mean diameter of the pieces of the solid metal released is greater than 100 micrometers (0.004 inches). The RQs shown on the consolidated list apply to smaller particles.

Note that the consolidated list does not include all CERCLA regulatory synonyms. See 40 CFR Part 302, Table 302.4 for a complete list.

There have been a few additions and deletions to Table 302.4 since this document was last updated (November 1998). Hazardous wastes K174 and K175 have been added to this list. Removed from Table 302.4 are caprolactam (CAS 105-60-2), 2,4,6-tribromophenol (CAS 118-79-6), and K140 floor sweepings, off-specification products and spent filtermedia from the production of 2,4,6-tribromophenol.

(3) CAA Section 112(r) List of Substances for Accidental Release Prevention

Under the accident prevention provisions of section 112(r) of the CAA, EPA developed a list of 77 toxic substances and 63 flammable substances. Threshold quantities (TQs) were established for these substances. The list and TQs identify processes subject to accident prevention regulations. The list of substances and TQs and the requirements for risk management programs for accidental release prevention are found in 40 CFR Part 68. This consolidated list includes both the common name for each listed chemical under section 112(r) and the chemical name, if different from the common name, as separate listings.

The CAA section 112(r) list includes several substances in solution that are covered only in concentrations above a specified level. These substances include ammonia (concentration 20% or greater) (CAS number 7664-41-7); hydrochloric acid (37% or greater) (7647-01-0); hydrogen fluoride/hydrofluoric acid (50% or greater) (7664-39-3); and nitric acid (80% or greater) (7697-37-2). Hydrogen chloride (anhydrous) and ammonia (anhydrous) are listed, in addition to the solutions of these substances, with different TQs. Only the anhydrous form of sulfur dioxide (7446-09-5) is covered. These substances are presented on the consolidated list with the concentration limit or specified form (e.g., anhydrous), as they are listed under CAA section 112(r). Flammable fuels used as a fuel or held for sale as a fuel at a retail facility are not subject to the rule.

TQ. The CAA section 112(r) TQ column in the consolidated list shows the TQs (in pounds) for chemicals listed for accidental release prevention. The TQ applies to the quantity of substance in a process, not at the facility as a whole.

(4) EPCRA Section 313 Toxic Chemicals

Emissions, transfers, and waste management data for chemicals listed under section 313 must be reported annually as part of the community right-to-know provisions of EPCRA (40 CFR Part 372).

Section 313. The notation "313" in the column for section 313 indicates that the chemical is subject to reporting under section 313 and section 6607 of the Pollution Prevention Act under the name listed. In cases where a chemical is listed under section 313 with a second name in parentheses or brackets, the second name is included on this consolidated list with an "X" in the section 313 column. An "X" in this column also may indicate that the same chemical with the same CAS number appears on another list with a different chemical name. Since the last updating of the list in November 1998, a number of reporting thresholds have changed. These include reporting thresholds for 18 chemicals that meet the EPCRA section 313 criteria for persistence and bioaccumulation, as well as lead and lead compounds (except lead contained in stainless steel, brass, and bronze alloys). Chemicals that have had reporting thresholds changed are marked with a " ^ " symbol on the list. The revised thresholds are listed at the end of this section.

Diisocyanates, Dioxins and Dioxin-like Compounds, and PACs. In the November 30, 1994, expansion of the section 313 list, 20 specific chemicals were added as members of the diisocyanate category, and 19 specific chemicals were added as members of the polycyclic aromatic compounds (PAC) category. In October 1999, EPA added a category of dioxin and dioxin-like compounds that includes 17 specific chemicals. These chemicals are included in the CAS order listing on this consolidated list. The symbol "#" following the "313" notation in the section 313 column identifies diisocyanates, the symbol "!" identifies the dioxin and dioxin-like compounds, and the symbol "+"

identifies PACs, as noted in the Summary of Codes. Chemicals belonging to these categories are reportable under section 313 by category, rather than by individual chemical name.

Ammonium Salts. The EPCRA section listing for ammonia includes the following qualifier "includes anhydrous ammonia and aqueous ammonia from water dissociable ammonium salts and other sources; 10 percent of total aqueous ammonia is reportable under this listing". The qualifier for ammonia means that anhydrous forms of ammonia are 100% reportable and aqueous forms are limited to 10% of total aqueous ammonia. Therefore, when determining threshold and releases and other waste management quantities all anhydrous ammonia is included but only 10% of total aqueous ammonia is included. Any evaporation of ammonia from aqueous ammonia solutions is considered anhydrous ammonia and should be included in threshold determinations and release and other waste management calculations.

In this document ammonium salts are not specifically identified as being reportable EPCRA section 313 chemicals. However, water dissociable ammonia salts, such as ammonium chloride, are reportable if they are placed in water. When ammonium salts are placed in water, reportable aqueous ammonia is manufactured. As indicated in the ammonia qualifier, all aqueous ammonia solutions from water dissociable ammonium salts are covered by the ammonia listing. For example, ammonium chloride is a water dissociable ammonium salt and reportable aqueous ammonia will be manufactured when it is placed in water.

Unlike other ammonium salts, ammonium hydroxide is specifically identified as being a reportable EPCRA section 313 chemical. This is because the chemical ammonium hydroxide (NH4OH) is a misnomer. It is a common name used to describe a solution of ammonia in water (i.e., aqueous ammonia), typically a concentrated solution of 28 to 30 percent ammonia. EPA has consistently responded to questions regarding the reportability of these purported ammonium hydroxide solutions under the EPCRA Section 313 ammonia listing by stating that these are 28 to 30 percent solutions of ammonia in water and that the solutions are reportable under the EPCRA Section 313 ammonia listing. For a more detailed discussion, see page 34175 of the Federal Register final rule of June 30, 1995 (60 FR 34172). (See also EPA's EPCRA section 313, *Guidance for Reporting Aqueous Ammonia*, EPA 745-R-00-005, www.epa.gov/TRI)

Additions. Added to the list of toxic chemicals subject to reporting under EPCRA section 313 are seven chemicals and two chemical compound categories. These are:

Chemicals

	CAS
1) benzo(g,h,i)perylene	191242
2) benzo(j,k)fluorine (as a member of the PACs category)	206440
3) 3-methylcholanthrene (as a member of the PACs category)	56495
4) octachlorostyrene	29082744
5) pentachlorobenzene	608935
6) tetrabromobisphenol A	79947
7) vandium (except when contained in an alloy)	7440622

Chemical Categories

	Category Code
1) vandium compounds	N770

2) dioxin and dioxin like compounds (Manufacturing; and the processing or otherwise use of dioxin and dioxin like compounds if the dioxin and dioxin-like compounds are present as contaminants in a chemical and if they were created during the manufacturing of that chemical) N150

Stayed Chemicals. There are three EPRCA section 313 chemicals that are listed in the CFR but for which the Agency has issued an administrative stay that excludes them from reporting until the stays are lifted. These chemicals, identified by "313s" in the Sec. 313 table column, are methyl mercaptan (CAS number 74-93-1), hydrogen sulfide (CAS number 7783-06-4), and 2,2-dibromo-3-nitrilopropionamide (CAS number 10222-01-2). Check the TRI website (www.epa.gov/triexplorer) for updated regulatory information.

TRI Thresholds. Reporting under EPCRA section 313 is triggered by the quantity of a chemical that is manufactured, processed, or otherwise used during the calendar year. For most TRI chemicals, the thresholds are 25,000 pounds manufactured or processed or 10,000 pound otherwise used. EPA has recently lowered the reporting thresholds for certain chemicals and chemical categories that meet the criteria for persistence and bioaccumulation. The following list provides the thresholds for these chemicals(in pounds unless otherwise noted):

Chemical Name or Category	**CAS Number**	**Threshold (lbs)**
Aldrin	309-00-2	100
Benzo(g,h,i)perylene	191-24-2	10
Chlordane	57-74-9	10
Dioxin and dioxin-like compound category (manufacturing; and processing or otherwise use of dioxin and dioxin-like compounds if they are present as contaminants in a chemical and if they were created during the manufacture of that chemical)	NA	0.1 gram
Heptachlor	76-44-8	10
Hexachlorobenzene	118-74-1	10
Isodrin	465-73-6	10
Lead and lead compounds except lead contained in stainless steel, brass, and bronze alloys (applies to reporting for 2001(due July 2002) and later)	NA	100
Methoxychlor	72-43-5	100
Octachlorostyrene	29082-74-4	10
Pendimethalin	40487-42-1	100
Pentachlorobenzene	608-93-5	10
Polycyclic aromatic compounds category	NA	100
Polychlorinated biphenyls (PCBs)	1336-36-3	10

Tetrabromobisphenol A	79-94-7	100
Toxaphene	8001-35-2	10
Trifluralin	1582-09-8	100
Mercury	7439-97-6	10
Mercury compounds	NA	10

(5) **Chemical Categories**

The CERCLA and EPCRA section 313 lists include a number of chemical categories as well as specific chemicals. Categories appear on this consolidated list at the end of the CAS number listing. Specific chemicals listed as members of the diisocyanates, dioxin and dioxin-like compounds, and PAC categories under EPCRA section 313 (see section (4) above) are included in the list of specific chemicals by CAS number, not in the category listing. The chemicals on the consolidated list have not been systematically evaluated to determine whether they fall into any of the CERCLA listed categories, but EPA has attempted to identify those listed chemicals that are clearly reportable under one or more of the EPCRA section 313 categories.

Some chemicals not specifically listed under CERCLA may be subject to CERCLA reporting as part of a category. For example, strychnine sulfate (CAS number 60-41-3), listed under EPCRA section 302, is not individually listed on the CERCLA list, but is subject to CERCLA reporting under the listing for strychnine and salts (CAS number 57-24-9), with an RQ of 10 pounds. Similarly, nicotine sulfate (CAS number 65-30-5) is subject to CERCLA reporting under the listing for nicotine and salts (CAS number 54-11-5, RQ 100 pounds), and warfarin sodium (CAS number 129-06-6) is subject to CERCLA reporting under the listing for warfarin and salts, concentration >0.3% (CAS number 81-81-2, RQ 100 pounds). Note that some CERCLA listings, although they include CAS numbers, are for general categories and are not restricted to the specific CAS number (e.g., warfarin and salts). The CERCLA list also includes a number of generic categories that have not been assigned RQs; chemicals falling into these categories are considered CERCLA hazardous substances, but are not required to be reported under CERCLA unless otherwise listed under CERCLA with an RQ.

A number of chemical categories are subject to EPCRA section 313 reporting. Certain chemicals listed under EPCRA section 302, CERCLA, or CAA section 112(r) may belong to section 313 categories. For example, mercuric acetate (CAS number 1600-27-7), listed under section 302, is not specifically listed under section 313, but is reportable under the section 313 "Mercury Compounds" category (no CAS number). Listed chemicals that have been identified as being reportable under one or more EPCRA section 313 categories are identified by "313c" in the Sec. 313 table column.

(6) **RCRA Hazardous Wastes**

The consolidated list includes specific chemicals from the RCRA P and U lists only (40 CFR 261.33). This listing is provided as an indicator that companies may already have data on a specific chemical that may be useful for EPCRA reporting. It is not intended to be a comprehensive list of RCRA P and U chemicals. RCRA hazardous wastes consisting of waste streams on the F and K lists, and wastes exhibiting the characteristics of ignitability, corrosivity, reactivity, and toxicity, are provided in a

separate list. This list also includes carbamate wastes added to the CERCLA list with one-pound statutory RQs (indicated by an asterisk ("*") following the RQ). The descriptions of the F and K waste streams have been abbreviated; see 40 CFR Part 302, Table 302.4, or 40 CFR Part 261 for complete descriptions.

RCRA Code. The letter-and-digit code in the RCRA Code column is the chemical's RCRA hazardous waste code.

Summary of Codes

^ Reporting threshold has changed since November 1998.
+ Member of PAC category.
# Member of diisocyanate category.
X Indicates that this is a second name for a chemical already included on this consolidated list. May also indicate that the same chemical with the same CAS number appears on another list with a different chemical name.
* RCRA carbamate waste; statutory one-pound RQ applies until RQs are adjusted.
** This chemical was identified from a Premanufacture Review Notice (PMN) submitted to EPA. The submitter has claimed certain information on the submission to be confidential, including specific chemical identity.
*** Indicates that no RQ is assigned to this generic or broad class, although the class is a CERCLA hazardous substance. See 50 *Federal Register* 13456 (April 4, 1985). Values in Section 313 column represent Category Codes for reporting under Section 313.
c Although not listed by name and CAS number, this chemical is reportable under one or more of the EPCRA section 313 chemical categories.
s Indicates that this chemical is currently under an administrative stay of the EPCRA section 313 reporting requirements, therefore, no Toxics Release Inventory reports are required until the stay is removed.
! Member of the dioxin and dioxin-like compounds category.

LIST OF LISTS

CONSOLIDATED LIST OF CHEMICALS (BY CAS NUMBER) SUBJECT TO THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT (EPCRA) AND SECTION 112(r) OF THE CLEAN AIR ACT

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
Chlordane (Technical Mixture and Metabolites)	0			***			
Chlorinated Benzenes	0			***			
Chlorinated Ethanes	0			***			
Chlorinated Naphthalene	0			***			
Chloroalkyl Ethers	0			***			
Coke Oven Emissions	0			1			
DDT and Metabolites	0			***			
Dichlorobenzidine	0			***			
Diphenylhydrazine	0			***			
Endosulfan and Metabolites	0			***			
Endrin and Metabolites	0			***			
Fine mineral fibers	0			***			
Haloethers	0			***			
Halomethanes	0			***			
Heptachlor and Metabolites	0			***			
Nitrophenols	0			***			
Nitrosamines	0			***			
Organorhodium Complex (PMN-82-147)	0	10/10,000	10	**			
Phthalate Esters	0			***			
Polycyclic organic matter	0			***			
Polynuclear Aromatic Hydrocarbons	0			***			
Formaldehyde	50-00-0	500	100	100	313	U122	15,000
Formaldehyde (solution)	50-00-0	500	100	100	X	U122	15,000
Mitomycin C	50-07-7	500/10,000	10	10		U010	
Ergocalciferol	50-14-6	1,000/10,000	1,000				
Cyclophosphamide	50-18-0			10		U058	
DDT	50-29-3			1		U061	
Benzo[a]pyrene	50-32-8			1	313+^	U022	
Reserpine	50-55-5			5,000		U200	
Piperonyl butoxide	51-03-6				313		
5-Fluorouracil	51-21-8	500/10,000	500		X		
Fluorouracil	51-21-8	500/10,000	500		313		
2,4-Dinitrophenol	51-28-5			10	313	P048	
Epinephrine	51-43-4			1,000		P042	
2-Chloro-N-(2-chloroethyl)-N-methylethanamine	51-75-2	10	10		X		
Mechlorethamine	51-75-2	10	10		X		
Nitrogen mustard	51-75-2	10	10		313		
Carbamic acid, ethyl ester	51-79-6			100	X	U238	
Ethyl carbamate	51-79-6			100	X	U238	
Urethane	51-79-6			100	313	U238	
Carbachol chloride	51-83-2	500/10,000	500				
Phosphonic acid, (2,2,2-trichloro-1-hydroxyethyl)-,dimethyl ester	52-68-6			100	X		
Trichlorfon	52-68-6			100	313		
Famphur	52-85-7			1,000	313	P097	
Dibenz[a,h]anthracene	53-70-3			1	313+^	U063	

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
2-Acetylaminofluorene	53-96-3			1	313	U005	
Nicotine	54-11-5	100	100	100	313c	P075	
Nicotine and salts	54-11-5			100	313c	P075	
Pyridine, 3-(1-methyl-2-pyrrolidinyl)-,(S)-	54-11-5	100	100	100		P075	
Aminopterin	54-62-6	500/10,000	500				
N-Nitrosodiethylamine	55-18-5			1	313	U174	
Benzamide	55-21-0				313		
Fenthion	55-38-9				313		
O,O-Dimethyl O-(3-methyl-4-(methylthio) phenyl) ester, phosphorothioic acid	55-38-9				X		
Nitroglycerin	55-63-0			10	313	P081	
Diisopropylfluorophosphate	55-91-4	100	100	100		P043	
Isofluorphate	55-91-4	100	100	100		P043	
Methylthiouracil	56-04-2			10		U164	
Carbon tetrachloride	56-23-5			10	313	U211	
Cantharidin	56-25-7	100/10,000	100				
Bis(tributyltin) oxide	56-35-9				313		
Parathion	56-38-2	100	10	10	313	P089	
Phosphorothioic acid, O,O-diethyl-O-(4-nitrophenyl) ester	56-38-2	100	10	10	X	P089	
3-Methylcholanthrene	56-49-5			10	313+^	U157	
Diethylstilbestrol	56-53-1			1		U089	
Benz[a]anthracene	56-55-3			10	313+^	U018	
Coumaphos	56-72-4	100/10,000	10	10			
Cyanides (soluble salts and complexes)	57-12-5			10	313c	P030	
1,1-Dimethyl hydrazine	57-14-7	1,000	10	10	313	U098	15,000
Dimethylhydrazine	57-14-7	1,000	10	10	X	U098	15,000
Hydrazine, 1,1-dimethyl-	57-14-7	1,000	10	10	X	U098	15,000
Strychnine	57-24-9	100/10,000	10	10	313c	P108	
Strychnine, and salts	57-24-9			10	313c	P108	
Pentobarbital sodium	57-33-0				313		
Phenytoin	57-41-0				313		
Physostigmine	57-47-6	100/10,000	1*	1*		P204	
beta-Propiolactone	57-57-8	500	10	10	313		
Physostigmine, salicylate (1:1)	57-64-7	100/10,000	1*	1*		P188	
4,7-Methanoindan, 1,2,3,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-	57-74-9	1,000	1	1	X	U036	
Chlordane	57-74-9	1,000	1	1	313^	U036	
7,12-Dimethylbenz[a]anthracene	57-97-6			1	313+^	U094	
Phenoxarsine, 10,10'-oxydi-	58-36-6	500/10,000	500				
Cyclohexane, 1,2,3,4,5,6-hexachloro-,(1.alpha.,2.alpha.,3.beta.,4.alpha.,5.alpha.,6.beta.)-	58-89-9	1,000/10,000	1	1	X	U129	
Hexachlorocyclohexane (gamma isomer)	58-89-9	1,000/10,000	1	1	X	U129	
Lindane	58-89-9	1,000/10,000	1	1	313	U129	
2,3,4,6-Tetrachlorophenol	58-90-2			10	313c		
p-Chloro-m-cresol	59-50-7			5,000		U039	
Phenylhydrazine hydrochloride	59-88-1	1,000/10,000	1,000				
N-Nitrosomorpholine	59-89-2			1	313		
Ethylenediamine-tetraacetic acid (EDTA)	60-00-4			5,000			
4-Aminoazobenzene	60-09-3				313		
4-Dimethylaminoazobenzene	60-11-7			10	313	U093	
Dimethylaminoazobenzene	60-11-7			10	X	U093	

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
Ethane, 1,1'-oxybis-	60-29-7			100		U117	10,000
Ethyl ether	60-29-7			100		U117	10,000
Hydrazine, methyl-	60-34-4	500	10	10	X	P068	15,000
Methyl hydrazine	60-34-4	500	10	10	313	P068	15,000
Acetamide	60-35-5			100	313		
Strychnine, sulfate	60-41-3	100/10,000	10	10	313c		
Dimethoate	60-51-5	500/10,000	10	10	313	P044	
Dieldrin	60-57-1			1		P037	
Amitrole	61-82-5			10	313	U011	
Phenylmercuric acetate	62-38-4	500/10,000	100	100	313c	P092	
Phenylmercury acetate	62-38-4	500/10,000	100	100	313c	P092	
Phenacetin	62-44-2			100		U187	
Ethyl methanesulfonate	62-50-0			1		U119	
Aniline	62-53-3	1,000	5,000	5,000	313	U012	
Thioacetamide	62-55-5			10	313	U218	
Thiourea	62-56-6			10	313	U219	
Dichlorvos	62-73-7	1,000	10	10	313		
Phosphoric acid, 2-dichloroethenyl dimethyl ester	62-73-7	1,000	10	10	X		
Fluoroacetic acid, sodium salt	62-74-8	10/10,000	10	10	X	P058	
Sodium fluoroacetate	62-74-8	10/10,000	10	10	313	P058	
Methanamine, N-methyl-N-nitroso-	62-75-9	1,000	10	10	X	P082	
Nitrosodimethylamine	62-75-9	1,000	10	10	X	P082	
N-Nitrosodimethylamine	62-75-9	1,000	10	10	313	P082	
1-Naphthalenol, methylcarbamate	63-25-2			100	X	U279	
Carbaryl	63-25-2			100	313	U279	
Phenol, 3-(1-methylethyl)-, methylcarbamate	64-00-6	500/10,000	1*	1*		P202	
Formic acid	64-18-6			5,000	313	U123	
Acetic acid	64-19-7			5,000			
Diethyl sulfate	64-67-5			10	313		
Tetracycline hydrochloride	64-75-5				313		
Colchicine	64-86-8	10/10,000	10				
Nicotine sulfate	65-30-5	100/10,000	100	100	313c		
Benzoic acid	65-85-0			5,000			
Uracil mustard	66-75-1			10		U237	
Cycloheximide	66-81-9	100/10,000	100				
Methanol	67-56-1			5,000	313	U154	
Isopropyl alcohol (mfg-strong acid process)	67-63-0				313		
Acetone	67-64-1			5,000		U002	
Chloroform	67-66-3	10,000	10	10	313	U044	20,000
Methane, trichloro-	67-66-3	10,000	10	10	X	U044	20,000
Hexachloroethane	67-72-1			100	313	U131	
Dimethylformamide	68-12-2			100	X		
N,N-Dimethylformamide	68-12-2			100	313		
2,5-Cyclohexadiene-1,4-dione, 2,3,5-tris(1-aziridinyl)-	68-76-8				X		
Triaziquone	68-76-8				313		
Guanidine, N-methyl-N'-nitro-N-nitroso-	70-25-7			10		U163	
Hexachlorophene	70-30-4			100	313	U132	
Propiophenone, 4'-amino	70-69-9	100/10,000	100				
n-Butyl alcohol	71-36-3			5,000	313	U031	

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
Benzene	71-43-2			10	313	U019	
1,1,1-Trichloroethane	71-55-6			1,000	313	U226	
Methyl chloroform	71-55-6			1,000	X	U226	
Digitoxin	71-63-6	100/10,000	100				
Endrin	72-20-8	500/10,000	1	1		P051	
Benzene, 1,1'-(2,2,2-trichloroethylidene)bis [4-methoxy-	72-43-5			1	X	U247	
Methoxychlor	72-43-5			1	313^	U247	
DDD	72-54-8			1		U060	
DDE	72-55-9			1			
Trypan blue	72-57-1			10	313	U236	
Methane	74-82-8						10,000
Bromomethane	74-83-9	1,000	1,000	1,000	313	U029	
Methyl bromide	74-83-9	1,000	1,000	1,000	X	U029	
Ethane	74-84-0						10,000
Ethene	74-85-1				X		10,000
Ethylene	74-85-1				313		10,000
Acetylene	74-86-2						10,000
Ethyne	74-86-2						10,000
Chloromethane	74-87-3			100	313	U045	10,000
Methane, chloro-	74-87-3			100	X	U045	10,000
Methyl chloride	74-87-3			100	X	U045	10,000
Methyl iodide	74-88-4			100	313	U138	
Methanamine	74-89-5			100			10,000
Monomethylamine	74-89-5			100			10,000
Hydrocyanic acid	74-90-8	100	10	10	X	P063	2,500
Hydrogen cyanide	74-90-8	100	10	10	313	P063	2,500
Methanethiol	74-93-1	500	100	100	X	U153	10,000
Methyl mercaptan	74-93-1	500	100	100	313s	U153	10,000
Thiomethanol	74-93-1	500	100	100	X	U153	10,000
Methylene bromide	74-95-3			1,000	313	U068	
Propane	74-98-6						10,000
1-Propyne	74-99-7						10,000
Propyne	74-99-7						10,000
Chloroethane	75-00-3			100	313		10,000
Ethane, chloro-	75-00-3			100	X		10,000
Ethyl chloride	75-00-3			100	X		10,000
Ethene, chloro-	75-01-4			1	X	U043	10,000
Vinyl chloride	75-01-4			1	313	U043	10,000
Ethene, fluoro-	75-02-5						10,000
Vinyl fluoride	75-02-5						10,000
Ethanamine	75-04-7			100			10,000
Monoethylamine	75-04-7			100			10,000
Acetonitrile	75-05-8			5,000	313	U003	
Acetaldehyde	75-07-0			1,000	313	U001	10,000
Ethanethiol	75-08-1						10,000
Ethyl mercaptan	75-08-1						10,000
Dichloromethane	75-09-2			1,000	313	U080	
Methylene chloride	75-09-2			1,000	X	U080	
Carbon disulfide	75-15-0	10,000	100	100	313	P022	20,000
Cyclopropane	75-19-4						10,000
Calcium carbide	75-20-7			10			

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
Ethylene oxide	75-21-8	1,000	10	10	313	U115	10,000
Oxirane	75-21-8	1,000	10	10	X	U115	10,000
Bromoform	75-25-2			100	313	U225	
Tribromomethane	75-25-2			100	X	U225	
Dichlorobromomethane	75-27-4			5,000	313		
Isobutane	75-28-5						10,000
Propane, 2-methyl	75-28-5						10,000
Isopropyl chloride	75-29-6						10,000
Propane, 2-chloro-	75-29-6						10,000
2-Propanamine	75-31-0						10,000
Isopropylamine	75-31-0						10,000
1,1-Dichloroethane	75-34-3			1,000	X	U076	
Ethylidene Dichloride	75-34-3			1,000	313	U076	
1,1-Dichloroethylene	75-35-4			100	X	U078	10,000
Ethene, 1,1-dichloro-	75-35-4			100	X	U078	10,000
Vinylidene chloride	75-35-4			100	313	U078	10,000
Acetyl chloride	75-36-5			5,000		U006	
Difluoroethane	75-37-6						10,000
Ethane, 1,1-difluoro-	75-37-6						10,000
Ethene, 1,1-difluoro-	75-38-7						10,000
Vinylidene fluoride	75-38-7						10,000
Dichlorofluoromethane	75-43-4				313		
HCFC-21	75-43-4				X		
Carbonic dichloride	75-44-5	10	10	10	X	P095	500
Phosgene	75-44-5	10	10	10	313	P095	500
Chlorodifluoromethane	75-45-6				313		
HCFC-22	75-45-6				X		
Methanamine, N,N-dimethyl-	75-50-3			100			10,000
Trimethylamine	75-50-3			100			10,000
Aziridine, 2-methyl	75-55-8	10,000	1	1	X	P067	10,000
Propyleneimine	75-55-8	10,000	1	1	313	P067	10,000
Oxirane, methyl-	75-56-9	10,000	100	100	X		10,000
Propylene oxide	75-56-9	10,000	100	100	313		10,000
Cacodylic acid	75-60-5			1		U136	
Bromotrifluoromethane	75-63-8				313		
Halon 1301	75-63-8				X		
tert-Butylamine	75-64-9			1,000			
tert-Butyl alcohol	75-65-0				313		
1-Chloro-1,1-difluoroethane	75-68-3				313		
HCFC-142b	75-68-3				X		
CFC-11	75-69-4			5,000	X	U121	
Trichlorofluoromethane	75-69-4			5,000	313	U121	
Trichloromonofluoromethane	75-69-4			5,000	X	U121	
CFC-12	75-71-8			5,000	X	U075	
Dichlorodifluoromethane	75-71-8			5,000	313	U075	
CFC-13	75-72-9				X		
Chlorotrifluoromethane	75-72-9				313		
Plumbane, tetramethyl-	75-74-1	100	100				10,000
Tetramethyllead	75-74-1	100	100		313c		10,000
Silane, tetramethyl-	75-76-3						10,000
Tetramethylsilane	75-76-3						10,000
Silane, chlorotrimethyl-	75-77-4	1,000	1,000				10,000

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
Trimethylchlorosilane	75-77-4	1,000	1,000				10,000
Dimethyldichlorosilane	75-78-5	500	500				5,000
Silane, dichlorodimethyl-	75-78-5	500	500				5,000
Methyltrichlorosilane	75-79-6	500	500				5,000
Silane, trichloromethyl-	75-79-6	500	500				5,000
2-Methyllactonitrile	75-86-5	1,000	10	10	313	P069	
Acetone cyanohydrin	75-86-5	1,000	10	10	X	P069	
Acetaldehyde, trichloro-	75-87-6			5,000		U034	
2-Chloro-1,1,1-trifluoroethane	75-88-7				313		
HCFC-133a	75-88-7				X		
2,2-Dichloropropionic acid	75-99-0			5,000			
Pentachloroethane	76-01-7			10	313	U184	
Trichloroacetyl chloride	76-02-8	500	500		313		
Chloropicrin	76-06-2				313		
Ethane, 1,1,2-trichloro-1,2,2,-trifluoro-	76-13-1				X		
Freon 113	76-13-1				313		
CFC-114	76-14-2				X		
Dichlorotetrafluoroethane	76-14-2				313		
CFC-115	76-15-3				X		
Monochloropentafluoroethane	76-15-3				313		
1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrahydro-4,7-methano-1H-indene	76-44-8			1	X	P059	
Heptachlor	76-44-8			1	313^	P059	
Triphenyltin hydroxide	76-87-9				313		
Hexachlorocyclopentadiene	77-47-4	100	10	10	313	U130	
Dicyclopentadiene	77-73-6				313		
Dimethyl sulfate	77-78-1	500	100	100	313	U103	
Tabun	77-81-6	10	10				
Tetraethyl lead	78-00-2	100	10	10	313c	P110	
Dioxathion	78-34-2	500	500				
DEF	78-48-8				X		
S,S,S-Tributyltrithiophosphate	78-48-8				313		
Amiton	78-53-5	500	500				
Isophorone	78-59-1			5,000			
Oxetane, 3,3-bis(chloromethyl)-	78-71-7	500	500				
Butane, 2-methyl-	78-78-4						10,000
Isopentane	78-78-4						10,000
1,3-Butadiene, 2-methyl-	78-79-5			100			10,000
Isoprene	78-79-5			100			10,000
iso-Butylamine	78-81-9			1,000			
Isobutyronitrile	78-82-0	1,000	1,000				20,000
Propanenitrile, 2-methyl-	78-82-0	1,000	1,000				20,000
Isobutyl alcohol	78-83-1			5,000		U140	
Isobutyraldehyde	78-84-2				313		
1,2-Dichloropropane	78-87-5			1,000	313	U083	
Propane 1,2-dichloro-	78-87-5			1,000	X	U083	
2,3-Dichloropropene	78-88-6			100	313		
sec-Butyl alcohol	78-92-2				313		
Methyl ethyl ketone	78-93-3			5,000	313	U159	
Methyl ethyl ketone (MEK)	78-93-3			5,000	X	U159	
Methyl vinyl ketone	78-94-4	10	10				
Lactonitrile	78-97-7	1,000	1,000				

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
1,1-Dichloropropane	78-99-9			1,000			
1,1,2-Trichloroethane	79-00-5			100	313	U227	
Trichloroethylene	79-01-6			100	313	U228	
Acrylamide	79-06-1	1,000/10,000	5,000	5,000	313	U007	
Propionic acid	79-09-4			5,000			
Acrylic acid	79-10-7			5,000	313	U008	
Chloroacetic acid	79-11-8	100/10,000	100	100	313		
Thiosemicarbazide	79-19-6	100/10,000	100	100	313	P116	
Ethaneperoxoic acid	79-21-0	500	500		X		10,000
Peracetic acid	79-21-0	500	500		313		10,000
Carbonochloridic acid, methylester	79-22-1	500	1,000	1,000	X	U156	5,000
Methyl chlorocarbonate	79-22-1	500	1,000	1,000	313	U156	5,000
Methyl chloroformate	79-22-1	500	1,000	1,000	X	U156	5,000
iso-Butyric acid	79-31-2			5,000			
1,1,2,2-Tetrachloroethane	79-34-5			100	313	U209	
Ethene, chlorotrifluoro-	79-38-9						10,000
Trifluorochloroethylene	79-38-9						10,000
Dimethylcarbamyl chloride	79-44-7			1	313	U097	
2-Nitropropane	79-46-9			10	313	U171	
Tetrabromobisphenol A	79-94-7				313^		
4,4'-Isopropylidenediphenol	80-05-7				313		
Cumene hydroperoxide	80-15-9			10	313	U096	
Hydroperoxide, 1-methyl-1-phenylethyl-	80-15-9			10	X	U096	
Methyl methacrylate	80-62-6			1,000	313	U162	
Methyl 2-chloroacrylate	80-63-7	500	500				
Saccharin (manufacturing)	81-07-2			100	313	U202	
Saccharin and salts	81-07-2			100		U202	
Warfarin	81-81-2	500/10,000	100	100	X 313c	P001	
Warfarin, & salts, conc.>0.3%	81-81-2			100	X 313c	P001	
C.I. Food Red 15	81-88-9				313		
1-Amino-2-methylanthraquinone	82-28-0				313		
Diphacinone	82-66-6	10/10,000	10				
PCNB	82-68-8			100	X	U185	
Pentachloronitrobenzene	82-68-8			100	X	U185	
Quintozene	82-68-8			100	313	U185	
Acenaphthene	83-32-9			100			
Diethyl phthalate	84-66-2			1,000		U088	
Dibutyl phthalate	84-74-2			10	313	U069	
n-Butyl phthalate	84-74-2			10	X	U069	
Diquat	85-00-7			1,000			
Phenanthrene	85-01-8			5,000	313		
Phthalic anhydride	85-44-9			5,000	313	U190	
Butyl benzyl phthalate	85-68-7			100			
N-Nitrosodiphenylamine	86-30-6			100	313		
Azinphos-methyl	86-50-0	10/10,000	1	1			
Guthion	86-50-0	10/10,000	1	1			
Fluorene	86-73-7			5,000			
ANTU	86-88-4	500/10,000	100	100		P072	
Thiourea, 1-naphthalenyl-	86-88-4	500/10,000	100	100		P072	
2,6-Xylidine	87-62-7				313		
2,6-Dichlorophenol	87-65-0			100		U082	
Hexachloro-1,3-butadiene	87-68-3			1	313	U128	

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
Hexachlorobutadiene	87-68-3			1	X	U128	
PCP	87-86-5			10	X		
Pentachlorophenol	87-86-5			10	313		
Aniline, 2,4,6-trimethyl-	88-05-1	500	500				
2,4,6-Trichlorophenol	88-06-2			10	313		
o-Nitrotoluene	88-72-2			1,000			
2-Nitrophenol	88-75-5			100	313		
Dinitrobutyl phenol	88-85-7	100/10,000	1,000	1,000	313	P020	
Dinoseb	88-85-7	100/10,000	1,000	1,000	X	P020	
Picric acid	88-89-1				313		
o-Anisidine	90-04-0			100	313		
2-Phenylphenol	90-43-7				313		
Michler's ketone	90-94-8				313		
Benzene, 1,3-diisocyanato-2-methyl-	91-08-7	100	100	100	X		10,000
Toluene-2,6-diisocyanate	91-08-7	100	100	100	313		10,000
Naphthalene	91-20-3			100	313	U165	
Quinoline	91-22-5			5,000	313		
2-Chloronaphthalene	91-58-7			5,000		U047	
beta-Naphthylamine	91-59-8			10	313	U168	
N,N-Diethylaniline	91-66-7			1,000			
Methapyrilene	91-80-5			5,000		U155	
3,3'-Dimethoxybenzidine-4,4'-diisocyanate	91-93-0				313#		
3,3'-Dichlorobenzidine	91-94-1			1	313	U073	
3,3'-Dimethyl-4,4'-diphenylene diisocyanate	91-97-4				313#		
Biphenyl	92-52-4			100	313		
4-Aminobiphenyl	92-67-1			1	313		
Benzidine	92-87-5			1	313	U021	
4-Nitrobiphenyl	92-93-3			10	313		
Mecoprop	93-65-2				313		
Silvex (2,4,5-TP)	93-72-1			100			
2,4,5-T acid	93-76-5			1,000			
2,4,5-T esters	93-79-8			1,000			
2,4-D Esters	94-11-1			100	X		
2,4-D isopropyl ester	94-11-1			100	313		
Benzoyl peroxide	94-36-0				313		
Dihydrosafrole	94-58-6			10	313	U090	
Safrole	94-59-7			100	313	U203	
(4-Chloro-2-methylphenoxy) acetic acid	94-74-6				X		
MCPA	94-74-6				X		
Methoxone	94-74-6				313		
2,4-D	94-75-7			100	313	U240	
2,4-D Acid	94-75-7			100	X	U240	
2,4-D, salts and esters	94-75-7			100		U240	
Acetic acid, (2,4-dichlorophenoxy)-	94-75-7			100	X	U240	
2,4-D Esters	94-79-1			100			
2,4-D butyl ester	94-80-4			100	313		
2,4-D Esters	94-80-4			100	X		
2,4-DB	94-82-6				313		
Benzene, o-dimethyl-	95-47-6			1,000	X	U239	
o-Xylene	95-47-6			1,000	313	U239	

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
o-Cresol	95-48-7	1,000/10,000	100	100	313	U052	
1,2-Dichlorobenzene	95-50-1			100	313	U070	
o-Dichlorobenzene	95-50-1			100	X	U070	
o-Toluidine	95-53-4			100	313	U328	
1,2-Phenylenediamine	95-54-5				313		
2-Chlorophenol	95-57-8			100		U048	
1,2,4-Trimethylbenzene	95-63-6				313		
p-Chloro-o-toluidine	95-69-2				313		
2,4-Diaminotoluene	95-80-7			10	313		
1,2,4,5-Tetrachlorobenzene	95-94-3			5,000		U207	
2,4,5-Trichlorophenol	95-95-4			10	313		
Styrene oxide	96-09-3			100	313		
1,2-Dibromo-3-chloropropane	96-12-8			1	313	U066	
DBCP	96-12-8			1	X	U066	
1,2,3-Trichloropropane	96-18-4				313		
Methyl acrylate	96-33-3				313		
Ethylene thiourea	96-45-7			10	313	U116	
2,2'-Methylenebis(4-chlorophenol	97-23-4				X		
Dichlorophene	97-23-4				313		
C.I. Solvent Yellow 3	97-56-3				313		
Ethyl methacrylate	97-63-2			1,000		U118	
Furfural	98-01-1			5,000		U125	
Benzenearsonic acid	98-05-5	10/10,000	10				
Benzoic trichloride	98-07-7	100	10	10	313	U023	
Benzotrichloride	98-07-7	100	10	10	X	U023	
Benzenesulfonyl chloride	98-09-9			100		U020	
Trichlorophenylsilane	98-13-5	500	500				
Benzenamine, 3-(trifluoromethyl)-	98-16-8	500	500				
Cumene	98-82-8			5,000	313	U055	
Acetophenone	98-86-2			5,000	313	U004	
Benzal chloride	98-87-3	500	5,000	5,000	313	U017	
Benzoyl chloride	98-88-4			1,000	313		
Nitrobenzene	98-95-3	10,000	1,000	1,000	313	U169	
m-Nitrotoluene	99-08-1			1,000			
2,6-Dichloro-4-nitroaniline	99-30-9				X		
Dichloran	99-30-9				313		
1,3,5-Trinitrobenzene	99-35-4			10		U234	
5-Nitro-o-toluidine	99-55-8			100	313	U181	
5-Nitro-o-anisidine	99-59-2				313		
m-Dinitrobenzene	99-65-0			100	313		
Dimethyl-p-phenylenediamine	99-98-9	10/10,000	10				
p-Nitrotoluene	99-99-0			1,000			
p-Nitroaniline	100-01-6			5,000	313	P077	
4-Nitrophenol	100-02-7			100	313	U170	
p-Nitrophenol	100-02-7			100	X	U170	
Benzene, 1-(chloromethyl)-4-nitro-	100-14-1	500/10,000	500				
p-Dinitrobenzene	100-25-4			100	313		
Ethylbenzene	100-41-4			1,000	313		
Styrene	100-42-5			1,000	313		
Benzyl chloride	100-44-7	500	100	100	313	P028	
Benzonitrile	100-47-0			5,000			
N-Nitrosopiperidine	100-75-4			10	313	U179	

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
4,6-Dichloro-N-(2-chlorophenyl)-1,3,5-triazin-2-amine	101-05-3				X		
Anilazine	101-05-3				313		
4,4'-Methylenebis(2-chloroaniline)	101-14-4			10	313	U158	
MBOCA	101-14-4			10	X	U158	
Barban	101-27-9			1*		U280	
4-Bromophenyl phenyl ether	101-55-3			100		U030	
4,4'-Methylenebis(N,N-dimethyl)benzenamine	101-61-1				313		
MDI	101-68-8			5,000	X		
Methylenebis(phenylisocyanate)	101-68-8			5,000	313#		
4,4'-Methylenedianiline	101-77-9			10	313		
4,4'-Diaminodiphenyl ether	101-80-4				313		
Diglycidyl resorcinol ether	101-90-6				313		
Isocyanic acid, 3,4-dichlorophenyl ester	102-36-3	500/10,000	500				
Phenylthiourea	103-85-5	100/10,000	100	100		P093	
p-Chlorophenyl isocyanate	104-12-1				313		
1,4-Phenylene diisocyanate	104-49-4				313#		
p-Anisidine	104-94-9				313		
sec-Butyl acetate	105-46-4			5,000			
2,4-Dimethylphenol	105-67-9			100	313	U101	
Benzene, p-dimethyl-	106-42-3			100	X	U239	
p-Xylene	106-42-3			100	313	U239	
p-Cresol	106-44-5			100	313	U052	
1,4-Dichlorobenzene	106-46-7			100	313	U072	
p-Chloroaniline	106-47-8			1,000	313	P024	
p-Toluidine	106-49-0			100		U353	
p-Phenylenediamine	106-50-3			5,000	313		
p-Benzoquinone	106-51-4			10	X	U197	
Quinone	106-51-4			10	313	U197	
1,2-Butylene oxide	106-88-7			100	313		
Epichlorohydrin	106-89-8	1,000	100	100	313	U041	20,000
Oxirane, (chloromethyl)-	106-89-8	1,000	100	100	X	U041	20,000
1,2-Dibromoethane	106-93-4			1	313	U067	
Ethylene dibromide	106-93-4			1	X	U067	
Propargyl bromide	106-96-7	10	10				
Butane	106-97-8						10,000
1-Butene	106-98-9						10,000
1,3-Butadiene	106-99-0			10	313		10,000
1-Butyne	107-00-6						10,000
Ethyl acetylene	107-00-6						10,000
2-Butene	107-01-7						10,000
2-Propenal	107-02-8	500	1	1	X	P003	5,000
Acrolein	107-02-8	500	1	1	313	P003	5,000
Allyl chloride	107-05-1			1,000	313		
1,2-Dichloroethane	107-06-2			100	313	U077	
Ethylene dichloride	107-06-2			100	X	U077	
Chloroethanol	107-07-3	500	500				
n-Propylamine	107-10-8			5,000		U194	
2-Propen-1-amine	107-11-9	500	500		X		10,000
Allylamine	107-11-9	500	500		313		10,000
Ethyl cyanide	107-12-0	500	10	10		P101	10,000

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
Propanenitrile	107-12-0	500	10	10		P101	10,000
Propionitrile	107-12-0	500	10	10		P101	10,000
2-Propenenitrile	107-13-1	10,000	100	100	X	U009	20,000
Acrylonitrile	107-13-1	10,000	100	100	313	U009	20,000
1,2-Ethanediamine	107-15-3	10,000	5,000	5,000			20,000
Ethylenediamine	107-15-3	10,000	5,000	5,000			20,000
Formaldehyde cyanohydrin	107-16-4	1,000	1,000				
2-Propen-1-ol	107-18-6	1,000	100	100	X	P005	15,000
Allyl alcohol	107-18-6	1,000	100	100	313	P005	15,000
Propargyl alcohol	107-19-7			1,000	313	P102	
Chloroacetaldehyde	107-20-0			1,000		P023	
Ethylene glycol	107-21-1			5,000	313		
Ethene, methoxy-	107-25-5						10,000
Vinyl methyl ether	107-25-5						10,000
Chloromethyl methyl ether	107-30-2	100	10	10	313	U046	5,000
Methane, chloromethoxy-	107-30-2	100	10	10	X	U046	5,000
Formic acid, methyl ester	107-31-3						10,000
Methyl formate	107-31-3						10,000
Sarin	107-44-8	10	10				
TEPP	107-49-3	100	10	10		P111	
Tetraethyl pyrophosphate	107-49-3	100	10	10		P111	
Butyric acid	107-92-6			5,000			
Acetic acid ethenyl ester	108-05-4	1,000	5,000	5,000	X		15,000
Vinyl acetate	108-05-4	1,000	5,000	5,000	313		15,000
Vinyl acetate monomer	108-05-4	1,000	5,000	5,000	X		15,000
Methyl isobutyl ketone	108-10-1			5,000	313	U161	
Carbonochloridic acid, 1-methylethyl ester	108-23-6	1,000	1,000				15,000
Isopropyl chloroformate	108-23-6	1,000	1,000				15,000
Acetic anhydride	108-24-7			5,000			
Maleic anhydride	108-31-6			5,000	313	U147	
Benzene, m-dimethyl-	108-38-3			1,000	X	U239	
m-Xylene	108-38-3			1,000	313	U239	
m-Cresol	108-39-4			100	313	U052	
1,3-Phenylenediamine	108-45-2				313		
Resorcinol	108-46-3			5,000		U201	
Bis(2-chloro-1-methylethyl)ether	108-60-1			1,000	313	U027	
Dichloroisopropyl ether	108-60-1			1,000	X	U027	
Toluene	108-88-3			1,000	313	U220	
Chlorobenzene	108-90-7			100	313	U037	
Cyclohexanamine	108-91-8	10,000	10,000				15,000
Cyclohexylamine	108-91-8	10,000	10,000				15,000
Cyclohexanol	108-93-0				313		
Cyclohexanone	108-94-1			5,000		U057	
Phenol	108-95-2	500/10,000	1,000	1,000	313	U188	
Benzenethiol	108-98-5	500	100	100		P014	
Thiophenol	108-98-5	500	100	100		P014	
2-Methylpyridine	109-06-8			5,000	313	U191	
2-Picoline	109-06-8			5,000	X	U191	
Carbonochloridic acid, propylester	109-61-5	500	500				15,000
Propyl chloroformate	109-61-5	500	500				15,000
Pentane	109-66-0						10,000

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
1-Pentene	109-67-1						10,000
Butylamine	109-73-9			1,000			
Malononitrile	109-77-3	500/10,000	1,000	1,000	313	U149	
2-Methoxyethanol	109-86-4				313		
Diethylamine	109-89-7			100			
Ethene, ethoxy-	109-92-2						10,000
Vinyl ethyl ether	109-92-2						10,000
Ethyl nitrite	109-95-5						10,000
Nitrous acid, ethyl ester	109-95-5						10,000
Furan, tetrahydro-	109-99-9			1,000		U213	
Furan	110-00-9	500	100	100		U124	5,000
Maleic acid	110-16-7			5,000			
Fumaric acid	110-17-8			5,000			
iso-Butyl acetate	110-19-0			5,000			
Hexane	110-54-3			5,000	X		
n-Hexane	110-54-3			5,000	313		
trans-1,4-Dichloro-2-butene	110-57-6	500	500		313		
trans-1,4-Dichlorobutene	110-57-6	500	500		X		
2-Chloroethyl vinyl ether	110-75-8			1,000		U042	
2-Ethoxyethanol	110-80-5			1,000	313	U359	
Ethanol, 2-ethoxy-	110-80-5			1,000	X	U359	
Cyclohexane	110-82-7			1,000	313	U056	
Pyridine	110-86-1			1,000	313	U196	
Piperidine	110-89-4	1,000	1,000				15,000
Diethanolamine	111-42-2			100	313		
Bis(2-chloroethyl) ether	111-44-4	10,000	10	10	313	U025	
Dichloroethyl ether	111-44-4	10,000	10	10	X	U025	
Ethylenebisdithiocarbamic acid, salts & esters	111-54-6			5,000	X	U114	
Adiponitrile	111-69-3	1,000	1,000				
Bis(2-chloroethoxy) methane	111-91-1			1,000	313	U024	
Phenol, 2-(1-methylethoxy)-, methylcarbamate	114-26-1			100	X	U411	
Propoxur	114-26-1			100	313	U411	
Azaserine	115-02-6			1		U015	
1-Propene	115-07-1				X		10,000
Propene	115-07-1				X		10,000
Propylene	115-07-1				313		10,000
Methane, oxybis-	115-10-6						10,000
Methyl ether	115-10-6						10,000
1-Propene, 2-methyl-	115-11-7						10,000
2-Methylpropene	115-11-7						10,000
Trichloroethylsilane	115-21-9	500	500				
Dimefox	115-26-4	500	500				
Chlorendic acid	115-28-6				313		
Endosulfan	115-29-7	10/10,000	1	1		P050	
Benzenemethanol, 4-chloro-.alpha.-4-chlorophenyl)-.alpha.-(trichloromethyl)-	115-32-2			10	X		
Dicofol	115-32-2			10	313		
Fensulfothion	115-90-2	500	500				
Aldicarb	116-06-3	100/10,000	1	1	313	P070	
Ethene, tetrafluoro-	116-14-3						10,000

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
Tetrafluoroethylene	116-14-3						10,000
2-Aminoanthraquinone	117-79-3				313		
Dichlone	117-80-6			1			
Bis(2-ethylhexyl)phthalate	117-81-7			100	X	U028	
DEHP	117-81-7			100	X	U028	
Di(2-ethylhexyl) phthalate	117-81-7			100	313	U028	
Di-n-octyl phthalate	117-84-0			5,000		U107	
n-Dioctylphthalate	117-84-0			5,000		U107	
Hexachlorobenzene	118-74-1			10	313^	U127	
Isopropylmethylpyrazolyl dimethylcarbamate	119-38-0	500	1*	1*		P192	
3,3'-Dimethoxybenzidine	119-90-4			100	313	U091	
3,3'-Dimethylbenzidine	119-93-7			10	313	U095	
o-Tolidine	119-93-7			10	X	U095	
Anthracene	120-12-7			5,000	313		
2,4-DP	120-36-5				313		
Isosafrole	120-58-1			100	313	U141	
p-Cresidine	120-71-8				313		
Catechol	120-80-9			100	313		
1,2,4-Trichlorobenzene	120-82-1			100	313		
2,4-Dichlorophenol	120-83-2			100	313	U081	
2,4-Dinitrotoluene	121-14-2			10	313	U105	
Pyrethrins	121-21-1			1			
Pyrethrins	121-29-9			1			
Triethylamine	121-44-8			5,000	313	U404	
N,N-Dimethylaniline	121-69-7			100	313		
Malathion	121-75-5			100	313		
Benzeneethanamine, alpha,alpha-dimethyl-	122-09-8			5,000		P046	
Simazine	122-34-9				313		
Diphenylamine	122-39-4				313		
Propham	122-42-9			1*		U373	
1,2-Diphenylhydrazine	122-66-7			10	313	U109	
Hydrazine, 1,2-diphenyl-	122-66-7			10	X	U109	
Hydrazobenzene	122-66-7			10	X	U109	
Hydroquinone	123-31-9	500/10,000	100	100	313		
Maleic hydrazide	123-33-1			5,000		U148	
Propionaldehyde	123-38-6			1,000	313		
1,3-Phenylene diisocyanate	123-61-5				313#		
Propionic anhydride	123-62-6			5,000			
Paraldehyde	123-63-7			1,000	313	U182	
Butyraldehyde	123-72-8				313		
2-Butenal, (e)-	123-73-9	1,000	100	100		U053	20,000
Crotonaldehyde, (E)-	123-73-9	1,000	100	100		U053	20,000
Butyl acetate	123-86-4			5,000			
1,4-Dioxane	123-91-1			100	313	U108	
iso-Amyl acetate	123-92-2			5,000			
Adipic acid	124-04-9			5,000			
Dimethylamine	124-40-3			1,000	313	U092	10,000
Methanamine, N-methyl-	124-40-3			1,000	X	U092	10,000
Sodium methylate	124-41-4			1,000			
Chlorodibromomethane	124-48-1			100			

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
Sodium cacodylate	124-65-2	100/10,000	100				
Dibromotetrafluoroethane	124-73-2				313		
Halon 2402	124-73-2				X		
Picrotoxin	124-87-8	500/10,000	500				
Tris(2,3-dibromopropyl) phosphate	126-72-7			10	313	U235	
2-Propenenitrile, 2-methyl-	126-98-7	500	1,000	1,000	X	U152	10,000
Methacrylonitrile	126-98-7	500	1,000	1,000	313	U152	10,000
Chloroprene	126-99-8			100	313		
Perchloroethylene	127-18-4			100	X	U210	
Tetrachloroethylene	127-18-4			100	313	U210	
Zinc phenolsulfonate	127-82-2			5,000	313c		
Potassium dimethyldithiocarbamate	128-03-0				313		
Sodium dimethyldithiocarbamate	128-04-1				313		
C.I. Vat Yellow 4	128-66-5				313		
Pyrene	129-00-0	1,000/10,000	5,000	5,000			
Warfarin sodium	129-06-6	100/10,000	100	100	313c		
1,4-Naphthoquinone	130-15-4			5,000		U166	
Dimethyl phthalate	131-11-3			5,000	313	U102	
Sodium pentachlorophenate	131-52-2				313		
Ammonium picrate	131-74-8			10		P009	
2-Cyclohexyl-4,6-dinitrophenol	131-89-5			100		P034	
Sodium o-phenylphenoxide	132-27-4				313		
Dibenzofuran	132-64-9			100	313		
1H-Isoindole-1,3(2H)-dione, 3a,4,7,7a-tetrahydro-2-[(trichloromethyl)thio]-	133-06-2			10	X		
Captan	133-06-2			10	313		
Folpet	133-07-3				313		
Benzoic acid, 3-amino-2,5-dichloro-	133-90-4			100	X		
Chloramben	133-90-4			100	313		
o-Anisidine hydrochloride	134-29-2				313		
alpha-Naphthylamine	134-32-7			100	313	U167	
Benzeneamine, N-hydroxy-N-nitroso, ammonium salt	135-20-6				X		
Cupferron	135-20-6				313		
Dipropyl isocinchomeronate	136-45-8				313		
Thiram	137-26-8			10	313	U244	
Ziram	137-30-4			1*		P205	
Potassium N-methyldithiocarbamate	137-41-7				313		
Metham sodium	137-42-8				313		
Sodium methyldithiocarbamate	137-42-8				X		
Disodium cyanodithioimidocarbonate	138-93-2				313		
Nitrilotriacetic acid	139-13-9				313		
3,3'-Dimethyldiphenylmethane-4,4'-diisocyanate	139-25-3				313#		
4,4'-Thiodianiline	139-65-1				313		
Benzyl cyanide	140-29-4	500	500				
Pyridine, 2-methyl-5-vinyl-	140-76-1	500	500				
Ethyl acrylate	140-88-5			1,000	313	U113	
Butyl acrylate	141-32-2				313		
Dicrotophos	141-66-2	100	100				
Ethyl acetate	141-78-6			5,000		U112	
1,3-Dichloropropane	142-28-9			5,000			

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
Nabam	142-59-6				313		
Cupric acetate	142-71-2			100	313c		
Dipropylamine	142-84-7			5,000		U110	
Sodium cyanide (Na(CN))	143-33-9	100	10	10	313c	P106	
Kepone	143-50-0			1		U142	
Fluoroacetic acid	144-49-0	10/10,000	10				
Endothall	145-73-3			1,000		P088	
2-(4-Thiazolyl)-1H-benzimidazole	148-79-8				X		
Thiabendazole	148-79-8				313		
Melphalan	148-82-3			1		U150	
2-Mercaptobenzothiazole	149-30-4				313		
MBT	149-30-4				X		
Dichloromethylphenylsilane	149-74-6	1,000	1,000				
Merphos	150-50-5				313		
Monuron	150-68-5				313		
Methoxyethylmercuric acetate	151-38-2	500/10,000	500		313c		
Potassium cyanide	151-50-8	100	10	10	313c	P098	
Aziridine	151-56-4	500	1	1	X	P054	10,000
Ethyleneimine	151-56-4	500	1	1	313	P054	10,000
Diphosphoramide, octamethyl-	152-16-9	100	100	100		P085	
p-Nitrosodiphenylamine	156-10-5				313		
1,2-Dichloroethylene	156-60-5			1,000		U079	
Calcium cyanamide	156-62-7			1,000	313		
Benzo(rst)pentaphene	189-55-9			10	313+	U064	
Dibenz[a,i]pyrene	189-55-9			10	X	U064	
Dibenzo(a,h)pyrene	189-64-0				313+^		
Benzo[g,h,i]perylene	191-24-2			5,000	313^		
Dibenzo(a,l)pyrene	191-30-0				313+^		
Dibenzo(a,e)pyrene	192-65-4				313+^		
Indeno(1,2,3-cd)pyrene	193-39-5			100	313+^	U137	
7H-Dibenzo(c,g)carbazole	194-59-2				313+^		
Benzo(j)fluoranthene	205-82-3				313+^		
Benzo[b]fluoranthene	205-99-2			1	313+^		
Fluoranthene	206-44-0			100	X	U120	
Benzo(k)fluoranthene	207-08-9			5,000	313+^		
Acenaphthylene	208-96-8			5,000			
Benzo(a)phenanthrene	218-01-9			100	313+^	U050	
Chrysene	218-01-9			100	X	U050	
Dibenz(a,j)acridine	224-42-0				313+^		
Benz[c]acridine	225-51-4			100		U016	
Dibenz(a,h)acridine	226-36-8				313+^		
Isobenzan	297-78-9	100/10,000	100				
O,O-Diethyl O-pyrazinyl phosphorothioate	297-97-2	500	100	100		P040	
Thionazin	297-97-2	500	100	100		P040	
Methyl parathion	298-00-0	100/10,000	100	100	313	P071	
Parathion-methyl	298-00-0	100/10,000	100	100	X	P071	
Phorate	298-02-2	10	10	10		P094	
Disulfoton	298-04-4	500	1	1		P039	
Amphetamine	300-62-9	1,000	1,000				
Naled	300-76-5			10	313		
Lead acetate	301-04-2			10	313c	U144	

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
Oxydemeton methyl	301-12-2				313		
S-(2-(Ethylsulfinyl)ethyl) O,O-dimethyl ester phosphorothioic acid	301-12-2				X		
Hydrazine	302-01-2	1,000	1	1	313	U133	15,000
Lasiocarpine	303-34-4			10		U143	
Chlorambucil	305-03-3			10		U035	
2,2-Dichloro-1,1,1-trifluoroethane	306-83-2				313		
HCFC-123	306-83-2				X		
1,4:5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-(1.alpha.,4.alpha.,4a.beta.,5.alpha.,8.alpha.,8a.beta.)-	309-00-2	500/10,000	1	1	X	P004	
Aldrin	309-00-2	500/10,000	1	1	313^	P004	
Diethyl-p-nitrophenyl phosphate	311-45-5			100		P041	
5-Bromo-6-methyl-3-(1-methylpropyl)-2,4-(1H,3H)-pyrimidinedione	314-40-9				X		
Bromacil	314-40-9				313		
Mexacarbate	315-18-4	500/10,000	1,000	1,000		P128	
Emetine, dihydrochloride	316-42-7	1/10,000	1				
alpha-BHC	319-84-6			10	X		
alpha-Hexachlorocyclohexane	319-84-6			10	313		
beta-BHC	319-85-7			1			
delta-BHC	319-86-8			1			
Trichloronate	327-98-0	500	500				
2,5-Dinitrophenol	329-71-5			10			
Diuron	330-54-1			100	313		
Linuron	330-55-2				313		
Diazinon	333-41-5			1	313		
Diazomethane	334-88-3			100	313		
Boron trifluoride compound with methyl ether (1:1)	353-42-4	1,000	1,000				15,000
Boron, trifluoro[oxybis[methane]]-, (T-4)-	353-42-4	1,000	1,000				15,000
Carbonic difluoride	353-50-4			1,000		U033	
Bromochlorodifluoromethane	353-59-3				313		
Halon 1211	353-59-3				X		
1,1,1,2-Tetrachloro-2-fluoroethane	354-11-0				313		
HCFC-121a	354-11-0				X		
1,1,2,2-Tetrachloro-1-fluoroethane	354-14-3				313		
HCFC-121	354-14-3				X		
1,2-Dichloro-1,1,2-trifluoroethane	354-23-4				313		
HCFC-123a	354-23-4				X		
1-Chloro-1,1,2,2-tetrafluoroethane	354-25-6				313		
HCFC-124a	354-25-6				X		
Brucine	357-57-3			100	313	P018	
Fluoroacetyl chloride	359-06-8	10	10				
Ethylene fluorohydrin	371-62-0	10	10				
Ergotamine tartrate	379-79-3	500/10,000	500				
1,2-Dichloro-1,1,2,3,3-pentafluoropropane	422-44-6				313		
HCFC-225bb	422-44-6				X		
2,3-Dichloro-1,1,1,2,3-pentafluoropropane	422-48-0				313		

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
HCFC-225ba	422-48-0				X		
3,3-Dichloro-1,1,1,2,2-pentafluoropropane	422-56-0				313		
HCFC-225ca	422-56-0				X		
1,2-Dichloro-1,1,3,3,3-pentafluoropropane	431-86-7				313		
HCFC-225da	431-86-7				X		
Cyanogen	460-19-5			100		P031	10,000
Ethanedinitrile	460-19-5			100		P031	10,000
3-Chloro-1,1,1-trifluoropropane	460-35-5				313		
HCFC-253fb	460-35-5				X		
1,2-Propadiene	463-49-0						10,000
Propadiene	463-49-0						10,000
Carbon oxide sulfide (COS)	463-58-1			100	X		10,000
Carbonyl sulfide	463-58-1			100	313		10,000
2,2-Dimethylpropane	463-82-1						10,000
Propane, 2,2-dimethyl-	463-82-1						10,000
Isodrin	465-73-6	100/10,000	1	1	313^	P060	
Chlorfenvinfos	470-90-6	500	500				
Auramine	492-80-8			100	X	U014	
C.I Solvent Yellow 34	492-80-8			100	313	U014	
Chlornaphazine	494-03-1			100		U026	
Diaminotoluene	496-72-0			10		U221	
Methylmercuric dicyanamide	502-39-6	500/10,000	500		313c		
4-Aminopyridine	504-24-5	500/10,000	1,000	1,000		P008	
Pyridine, 4-amino-	504-24-5	500/10,000	1,000	1,000		P008	
1,3-Pentadiene	504-60-9			100		U186	10,000
Ethane, 1,1'-thiobis[2-chloro-	505-60-2	500	500		X		
Mustard gas	505-60-2	500	500		313		
Potassium silver cyanide	506-61-6	500	1	1	313c	P099	
Silver cyanide	506-64-9			1	313c	P104	
Cyanogen bromide	506-68-3	500/10,000	1,000	1,000	313c	U246	
Cyanogen chloride	506-77-4			10	313c	P033	10,000
Cyanogen chloride ((CN)Cl)	506-77-4			10	313c	P033	10,000
Cyanogen iodide	506-78-5	1,000/10,000	1,000		313c		
Ammonium carbonate	506-87-6			5,000			
Acetyl bromide	506-96-7			5,000			
1,3-Dichloro-1,1,2,2,3-pentafluoropropane	507-55-1				313		
HCFC-225cb	507-55-1				X		
Methane, tetranitro-	509-14-8	500	10	10		P112	10,000
Tetranitromethane	509-14-8	500	10	10		P112	10,000
Benzeneacetic acid, 4-chloro-.alpha.-(4-chlorophenyl)-.alpha.-hydroxy-, ethyl ester	510-15-6			10	X	U038	
Chlorobenzilate	510-15-6			10	313	U038	
sec-Butylamine	513-49-5			1,000			
Dithiazanine iodide	514-73-8	500/10,000	500				
o-Dinitrobenzene	528-29-0			100	313		
2-Chloroacetophenone	532-27-4			100	313		
Dazomet	533-74-4				313		
Tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione	533-74-4				X		

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
Bis(chloromethyl) ketone	534-07-6	10/10,000	10				
4,6-Dinitro-o-cresol	534-52-1	10/10,000	10	10	313	P047	
4,6-Dinitro-o-cresol and salts	534-52-1			10		P047	
Dinitrocresol	534-52-1	10/10,000	10	10	X	P047	
Crimidine	535-89-7	100/10,000	100				
Ethylbis(2-chloroethyl)amine	538-07-8	500	500				
1,2-Dichloroethylene	540-59-0				313		
Hydrazine, 1,2-dimethyl-	540-73-8			1		U099	
2,2,4-Trimethylpentane	540-84-1			1,000			
tert-Butyl acetate	540-88-5			5,000			
Uranyl acetate	541-09-3			100			
Lewisite	541-25-3	10	10				
Ethyl chloroformate	541-41-3				313		
2,4-Dithiobiuret	541-53-7	100/10,000	100	100	313	P049	
Dithiobiuret	541-53-7	100/10,000	100	100	X	P049	
1,3-Dichlorobenzene	541-73-1			100	313	U071	
Barium cyanide	542-62-1			10	313c	P013	
1,3-Dichloropropene	542-75-6			100	X	U084	
1,3-Dichloropropylene	542-75-6			100	313	U084	
3-Chloropropionitrile	542-76-7	1,000	1,000	1,000	313	P027	
Propionitrile, 3-chloro-	542-76-7	1,000	1,000	1,000	X	P027	
Bis(chloromethyl) ether	542-88-1	100	10	10	313	P016	1,000
Chloromethyl ether	542-88-1	100	10	10	X	P016	1,000
Dichloromethyl ether	542-88-1	100	10	10	X	P016	1,000
Methane, oxybis[chloro-	542-88-1	100	10	10	X	P016	1,000
Ethylthiocyanate	542-90-5	10,000	10,000				
Cadmium acetate	543-90-8			10	313c		
Cobaltous formate	544-18-3			1,000	313c		
Copper cyanide	544-92-3			10	313c	P029	
Lithium carbonate	554-13-2				313		
m-Nitrophenol	554-84-7			100			
Tris(2-chloroethyl)amine	555-77-1	100	100				
Isothiocyanatomethane	556-61-6	500	500		X		
Methyl isothiocyanate	556-61-6	500	500		313		
Methyl thiocyanate	556-64-9	10,000	10,000				20,000
Thiocyanic acid, methyl ester	556-64-9	10,000	10,000				20,000
Nickel cyanide	557-19-7			10	313c	P074	
Zinc cyanide	557-21-1			10	313c	P121	
Zinc acetate	557-34-6			1,000	313c		
Zinc formate	557-41-5			1,000	313c		
1-Propene, 2-chloro-	557-98-2						10,000
2-Chloropropylene	557-98-2						10,000
Methanesulfonyl fluoride	558-25-8	1,000	1,000				
Ethion	563-12-2	1,000	10	10			
Semicarbazide hydrochloride	563-41-7	1,000/10,000	1,000				
3-Methyl-1-butene	563-45-1						10,000
2-Methyl-1-butene	563-46-2						10,000
3-Chloro-2-methyl-1-propene	563-47-3				313		
Thallium(I) acetate	563-68-8			100	313c	U214	
C.I. Basic Green 4	569-64-2				313		
2,6-Dinitrophenol	573-56-8			10			
Benzene, 2,4-diisocyanato-1-methyl-	584-84-9	500	100	100	X		10,000

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
Toluene-2,4-diisocyanate	584-84-9	500	100	100	313		10,000
2-Butene-cis	590-18-1						10,000
1-Chloropropylene	590-21-6						10,000
1-Propene, 1-chloro-	590-21-6						10,000
1-Acetyl-2-thiourea	591-08-2			1,000		P002	
Calcium cyanide	592-01-8			10	313c	P021	
Mercuric cyanide	592-04-1			1	313c		
Mercuric thiocyanate	592-85-8			10	313c		
Lead thiocyanate	592-87-0			10	313c		
Vinyl bromide	593-60-2			100	313		
Methanesulfenyl chloride, trichloro-	594-42-3	500	100	100	X		10,000
Perchloromethyl mercaptan	594-42-3	500	100	100	313		10,000
Trichloromethanesulfenyl chloride	594-42-3	500	100	100	X		10,000
Tetraethyltin	597-64-8	100	100				
Bromoacetone	598-31-2			1,000		P017	
Bromotrifluoroethylene	598-73-2						10,000
Ethene, bromotrifluoro-	598-73-2						10,000
2,6-Dinitrotoluene	606-20-2			100	313	U106	
Hexachlorocyclohexane (all isomers)	608-73-1			***			
Pentachlorobenzene	608-93-5			10	313^	U183	
3,4,5-Trichlorophenol	609-19-8			10			
3,4-Dinitrotoluene	610-39-9			10			
3,3'-Dimethylbenzidine dihydrochloride	612-82-8				313		
o-Tolidine dihydrochloride	612-82-8				X		
3,3'-Dichlorobenzidine dihydrochloride	612-83-9				313		
Thiourea, (2-methylphenyl)-	614-78-8	500/10,000	500				
2,4-Diaminoanisole	615-05-4				313		
1,2-Phenylenediamine dihydrochloride	615-28-1				313		
N-Nitroso-N-methylurethane	615-53-2			1		U178	
Di-n-propylnitrosamine	621-64-7			10	X	U111	
N-Nitrosodi-n-propylamine	621-64-7			10	313	U111	
1,4-Phenylenediamine dihydrochloride	624-18-0				313		
2-Butene, (E)	624-64-6						10,000
2-Butene-trans	624-64-6						10,000
Methane, isocyanato-	624-83-9	500	10	10	X	P064	10,000
Methyl isocyanate	624-83-9	500	10	10	313	P064	10,000
tert-Amyl acetate	625-16-1			5,000			
sec-Amyl acetate	626-38-0			5,000			
Chloroethyl chloroformate	627-11-2	1,000	1,000				
2-Pentene, (Z)-	627-20-3						10,000
Amyl acetate	628-63-7			5,000			
Mercury fulminate	628-86-4			10	313c	P065	
Selenourea	630-10-4			1,000		P103	
1,1,1,2-Tetrachloroethane	630-20-6			100	313	U208	
Ethane, 1,1,1,2-tetrachloro-	630-20-6			100	X	U208	
Ouabain	630-60-4	100/10,000	100				
Ammonium acetate	631-61-8			5,000			
o-Toluidine hydrochloride	636-21-5			100	313	U222	
Triphenyltin chloride	639-58-7	500/10,000	500		313		
Fluoroacetamide	640-19-7	100/10,000	100	100		P057	
Dimetilan	644-64-4	500/10,000	1*	1*		P191	
2-Pentene, (E)-	646-04-8						10,000

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
Cyanuric fluoride	675-14-9	100	100		313c		
Methyl phosphonic dichloride	676-97-1	100	100				
Hexamethylphosphoramide	680-31-9			1	313		
N-Nitroso-N-methylurea	684-93-5			1	313	U177	
1-Buten-3-yne	689-97-4						10,000
Vinyl acetylene	689-97-4						10,000
Diethylarsine	692-42-2			1		P038	
Dichlorophenylarsine	696-28-6	500	1	1		P036	
Phenyl dichloroarsine	696-28-6	500	1	1		P036	
N-(3,4-Dichlorophenyl)propanamide	709-98-8				X		
Propanil	709-98-8				313		
Hexaethyl tetraphosphate	757-58-4			100		P062	
N-Nitroso-N-ethylurea	759-73-9			1	313	U176	
EPTC	759-94-4				X		
Ethyl dipropylthiocarbamate	759-94-4				313		
Methacrylic anhydride	760-93-0	500	500				
1,4-Dichloro-2-butene	764-41-0			1	313	U074	
2-Butene, 1,4-dichloro-	764-41-0			1	X	U074	
Glycidylaldehyde	765-34-4			10		U126	
Carbophenothion	786-19-6	500	500				
1,1-Dichloro-1,2,2-trifluoroethane	812-04-4				313		
HCFC-123b	812-04-4				X		
Diethyl chlorophosphate	814-49-3	500	500				
2-Propenoyl chloride	814-68-6	100	100				5,000
Acrylyl chloride	814-68-6	100	100				5,000
Cupric tartrate	815-82-7			100	313c		
Hexamethylene-1,6-diisocyanate	822-06-0			100	313#		
Diaminotoluene	823-40-5			10		U221	
Trimethylolpropane phosphite	824-11-3	100/10,000	100				
Ametryn	834-12-8				313		
N-Ethyl-N'-(1-methylethyl)-6-(methylthio)-1,3,5,-triazine-2,4-diamine	834-12-8				X		
C.I. Solvent Yellow 14	842-07-9				313		
N-Methyl-2-pyrrolidone	872-50-4				313		
Stannane, acetoxytriphenyl-	900-95-8	500/10,000	500				
Demeton-S-methyl	919-86-8	500	500				
Methacryloyl chloride	920-46-7	100	100				
N-Nitrosodi-n-butylamine	924-16-3			10	313	U172	
N-Methylolacrylamide	924-42-5				313		
N-Nitrosopyrrolidine	930-55-2			1		U180	
2,3,6-Trichlorophenol	933-75-5			10	313c		
2,3,5-Trichlorophenol	933-78-8			10	313c		
Fonofos	944-22-9	500	500				
Phosfolan	947-02-4	100/10,000	100				
Mephosfolan	950-10-7	500	500				
Methidathion	950-37-8	500/10,000	500				
Diphenamid	957-51-7				313		
alpha - Endosulfan	959-98-8			1			
Phosphoric acid, 2-chloro-1-(2,3,5-trichlorophenyl) ethenyl dimethyl ester	961-11-5				X		
Tetrachlorvinphos	961-11-5				313		

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
C.I. Basic Red 1	989-38-8				313		
Norbormide	991-42-4	100/10,000	100				
Triethoxysilane	998-30-1	500	500				
Chlormequat chloride	999-81-5	100/10,000	100				
Heptachlor epoxide	1024-57-3			1			
Endosulfan sulfate	1031-07-8			1			
Triamiphos	1031-47-6	500/10,000	500				
Chromic acetate	1066-30-4			1,000	313c		
Ammonium bicarbonate	1066-33-7			5,000			
Trimethyltin chloride	1066-45-1	500/10,000	500				
Lead stearate	1072-35-1			10	313c		
Ammonium carbamate	1111-78-0			5,000			
Butylethylcarbamothioic acid S-propyl ester	1114-71-2				X		
Pebulate	1114-71-2				313		
N-Nitrosodiethanolamine	1116-54-7			1		U173	
1,3-Propane sultone	1120-71-4			10	X	U193	
Propane sultone	1120-71-4			10	313	U193	
Nitrocyclohexane	1122-60-7	500	500				
Pyridine, 4-nitro-, 1-oxide	1124-33-0	500/10,000	500				
Metolcarb	1129-41-5	100/10,000	1*	1*		P190	
Cycloate	1134-23-2				313		
Decabromodiphenyl oxide	1163-19-5				313		
Ferric ammonium citrate	1185-57-5			1,000			
Dichlobenil	1194-65-6			100			
Xylenol	1300-71-6			1,000			
Arsenic pentoxide	1303-28-2	100/10,000	1	1	313c	P011	
Arsenic disulfide	1303-32-8			1	313c		
Arsenic trisulfide	1303-33-9			1	313c		
Cadmium oxide	1306-19-0	100/10,000	100		313c		
Antimony trioxide	1309-64-4			1,000	313c		
Potassium hydroxide	1310-58-3			1,000			
Sodium hydroxide	1310-73-2			1,000			
Molybdenum trioxide	1313-27-5				313		
Thorium dioxide	1314-20-1				313		
Thallic oxide	1314-32-5			100	313c	P113	
Vanadium pentoxide	1314-62-1	100/10,000	1,000	1,000	313c	P120	
Sulfur phosphide	1314-80-3			100		U189	
Zinc phosphide	1314-84-7	500	100	100	313c	P122	
Zinc phosphide (conc. <= 10%)	1314-84-7	500	100	100	313c	U249	
Zinc phosphide (conc. > 10%)	1314-84-7	500	100	100	313c	P122	
Lead sulfide	1314-87-0			10	313c		
2,4,5-T amines	1319-72-8			5,000			
Cresol (mixed isomers)	1319-77-3			100	313	U052	
2,4-D Esters	1320-18-9			100	X		
2,4-D propylene glycol butyl ether ester	1320-18-9			100	313		
Nitrotoluene	1321-12-6			1,000			
Arsenic acid	1327-52-2			1	313c	P010	
Arsenic trioxide	1327-53-3	100/10,000	1	1	313c	P012	
Arsenous oxide	1327-53-3	100/10,000	1	1	313c	P012	
Xylene (mixed isomers)	1330-20-7			100	313	U239	
Zinc borate	1332-07-6			1,000	313c		

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
Asbestos (friable)	1332-21-4			1	313		
Hydrogen	1333-74-0						10,000
Sodium bifluoride	1333-83-1			100			
Lead subacetate	1335-32-6			10	313c	U146	
Hexachloronaphthalene	1335-87-1				313		
Ammonium hydroxide	1336-21-6			1,000	313		
PCBs	1336-36-3			1	X		
Polychlorinated biphenyls	1336-36-3			1	313^		
Methyl ethyl ketone peroxide	1338-23-4			10		U160	
Naphthenic acid	1338-24-5			100			
Ammonium bifluoride	1341-49-7			100			
Aluminum oxide (fibrous forms)	1344-28-1				313		
Antimycin A	1397-94-0	1,000/10,000	1,000				
Dinoterb	1420-07-1	500/10,000	500				
2,2'-Bioxirane	1464-53-5	500	10	10	X	U085	
Diepoxybutane	1464-53-5	500	10	10	313	U085	
Trichloro(chloromethyl)silane	1558-25-4	100	100				
Carbofuran phenol	1563-38-8			1*		U367	
Carbofuran	1563-66-2	10/10,000	10	10	313	P127	
Benezeneamine, 2,6-dinitro-N,N-dipropyl-4-(trifluoromethyl)-	1582-09-8			10	X		
Trifluralin	1582-09-8			10	313^		
Mercuric acetate	1600-27-7	500/10,000	500		313c		
Hydrazine, 1,2-diethyl-	1615-80-1			10		U086	
Ethanesulfonyl chloride, 2-chloro-	1622-32-8	500	500				
Methyl tert-butyl ether	1634-04-4			1,000	313		
Aldicarb sulfone	1646-88-4			1*		P203	
1,2-Dichloro-1,1-difluoroethane	1649-08-7				313		
HCFC-132b	1649-08-7				X		
3,5-Dibromo-4-hydroxybenzonitrile	1689-84-5				X		
Bromoxynil	1689-84-5				313		
Bromoxynil octanoate	1689-99-2				313		
Octanoic acid, 2,6-dibromo-4-cyanophenyl ester	1689-99-2				X		
1,1-Dichloro-1-fluoroethane	1717-00-6				313		
HCFC-141b	1717-00-6				X		
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	1746-01-6			1	313!^		
Acetone thiosemicarbazide	1752-30-3	1,000/10,000	1,000				
Ammonium thiocyanate	1762-95-4			5,000			
Benzene, 2,4-dichloro-1-(4-nitrophenoxy)-	1836-75-5				X		
Nitrofen	1836-75-5				313		
Benfluralin	1861-40-1				313		
N-Butyl-N-ethyl-2,6-dinitro-4-(trifluoromethyl) benzenamine	1861-40-1				X		
Ammonium benzoate	1863-63-4			5,000			
Hexachloropropene	1888-71-7			1,000		U243	
1,3-Benzenedicarbonitrile, 2,4,5,6-tetrachloro-	1897-45-6				X		
Chlorothalonil	1897-45-6				313		
Paraquat dichloride	1910-42-5	10/10,000	10		313		
6-Chloro-N-ethyl-N'-(1-methylethyl)-	1912-24-9				X		

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
1,3,5-triazine-2,4-diamine							
Atrazine	1912-24-9				313		
3,6-Dichloro-2-methoxybenzoic acid	1918-00-9			1,000	X		
Dicamba	1918-00-9			1,000	313		
Picloram	1918-02-1				313		
2-Chloro-N-(1-methylethyl)-N-phenylacetamide	1918-16-7				X		
Propachlor	1918-16-7				313		
2,4-D Esters	1928-38-7			100			
2,4-D 2-ethylhexyl ester	1928-43-4				313		
2,4,5-T esters	1928-47-8			1,000			
2,4-D Esters	1928-61-6			100			
2,4-D butoxyethyl ester	1929-73-3			100	313		
2,4-D Esters	1929-73-3			100	X		
2-Chloro-6-(trichloromethyl)pyridine	1929-82-4				X		
Nitrapyrin	1929-82-4				313		
C.I. Direct Black 38	1937-37-7				313		
Chloroxuron	1982-47-4	500/10,000	500				
3,6-Dichloro-2-methoxybenzoic acid, sodium salt	1982-69-0				X		
Sodium dicamba	1982-69-0				313		
Tributyltin fluoride	1983-10-4				313		
Valinomycin	2001-95-8	1,000/10,000	1,000				
2,4,5-T amines	2008-46-0			5,000			
Mercaptodimethur	2032-65-7	500/10,000	10	10	X	P199	
Methiocarb	2032-65-7	500/10,000	10	10	313	P199	
Paraquat methosulfate	2074-50-2	10/10,000	10				
Phenylsilatrane	2097-19-0	100/10,000	100				
EPN	2104-64-5	100/10,000	100				
Tributyltin methacrylate	2155-70-6				313		
7-Oxabicyclo(2.2.1)heptane-2,3-dicarboxylic acid, dipotassium salt	2164-07-0				X		
Dipotassium endothall	2164-07-0				313		
Fluometuron	2164-17-2				313		
Urea, N,N-dimethyl-N'-[3-(trifluoromethyl)phenyl]-	2164-17-2				X		
1H-Azepine-1 carbothioic acid, hexahydro-S-ethyl ester	2212-67-1				X		
Molinate	2212-67-1				313		
Cadmium stearate	2223-93-0	1,000/10,000	1,000		313c		
Thiocarbazide	2231-57-4	1,000/10,000	1,000				
Octachloronaphthalene	2234-13-1				313		
Diglycidyl ether	2238-07-5	1,000	1,000				
Prothoate	2275-18-5	100/10,000	100				
Dimethylamine dicamba	2300-66-5				313		
Carbamothioic acid, bis(1-methylethyl)-S-(2,3-dichloro-2-propenyl)ester	2303-16-4			100	X	U062	
Diallate	2303-16-4			100	313	U062	
Triallate	2303-17-5			1*	313	U389	
Propargite	2312-35-8			10	313		
6-Methyl-1,3-dithiolo[4,5-b]quinoxalin-2-one	2439-01-2				X		
Chinomethionat	2439-01-2				313		

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
Dodecylguanidine monoacetate	2439-10-3				X		
Dodine	2439-10-3				313		
Oxydisulfoton	2497-07-6	500	500				
Dimethyl chlorothiophosphate	2524-03-0	500	500		313		
Dimethyl phosphorochloridothioate	2524-03-0	500	500		X		
Formothion	2540-82-1	100	100				
2,4,5-T esters	2545-59-7			1,000			
1,4-Cyclohexane diisocyanate	2556-36-7				313#		
Pentadecylamine	2570-26-5	100/10,000	100				
Phosphorothioic acid, O,O-dimethyl-5-(2-(methylthio)ethyl)ester	2587-90-8	500	500				
C.I. Direct Blue 6	2602-46-2				313		
Promecarb	2631-37-0	500/10,000	1*	1*		P201	
Cyanophos	2636-26-2	1,000	1,000				
Azinphos-ethyl	2642-71-9	100/10,000	100				
2,3,5-Trimethylphenyl methylcarbamate	2655-15-4				313		
Phosphonothioic acid, methyl-, O-(4-nitrophenyl) O-phenyl ester	2665-30-7	500	500				
Sulfuryl fluoride	2699-79-8				313		
Vikane	2699-79-8				X		
2,4-D sodium salt	2702-72-9				313		
Phosphonothioic acid, methyl-, O-ethyl O-(4-(methylthio)phenyl) ester	2703-13-1	500	500				
Thallous malonate	2757-18-8	100/10,000	100				
5-(Aminomethyl)-3-isoxazolol	2763-96-4	500/10,000	1,000	1,000		P007	
Muscimol	2763-96-4	500/10,000	1,000	1,000		P007	
Diquat	2764-72-9			1,000			
Endothion	2778-04-3	500/10,000	500				
C.I. Disperse Yellow 3	2832-40-8				313		
2-Chloro-1,1,1,2-tetrafluoroethane	2837-89-0				313		
HCFC-124	2837-89-0				X		
Chlorpyrifos	2921-88-2			1			
Ferric ammonium oxalate	2944-67-4			1,000			
2,4-D chlorocrotyl ester	2971-38-2			100	313		
2,4-D Esters	2971-38-2			100	X		
Ammonium citrate, dibasic	3012-65-5			5,000			
Silane, (4-aminobutyl)diethoxymethyl-	3037-72-7	1,000	1,000				
C.I. Solvent Orange 7	3118-97-6				313		
Ammonium tartrate	3164-29-2			5,000			
4-Chloro-o-toluidine, hydrochloride	3165-93-3			100		U049	
1,5-Naphthalene diisocyanate	3173-72-6				313#		
Cupric nitrate	3251-23-8			100	313c		
Phosphoric acid, dimethyl 4-(methylthio) phenyl ester	3254-63-5	500	500				
1,2,3,4,6,7,8,9-octachlorodibenzo-p-dioxin	3268-87-9				313!^		
O,O-Diethyl S-methyl dithiophosphate	3288-58-2			5,000		U087	
Temephos	3383-96-8				313		
Zinc carbonate	3486-35-9			1,000	313c		
DDE	3547-04-4			5,000			
Sulfoxide, 3-chloropropyl octyl	3569-57-1	500	500				
Benzimidazole, 4,5-dichloro-2-(trifluoromethyl)-	3615-21-2	500/10,000	500				

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
(4-Chloro-2-methylphenoxy) acetate sodium salt	3653-48-3				X		
Methoxone sodium salt	3653-48-3				313		
Sulfotep	3689-24-5	500	100	100		P109	
Tetraethyldithiopyrophosphate	3689-24-5	500	100	100		P109	
Chlorophacinone	3691-35-8	100/10,000	100				
5-Methylchrysene	3697-24-3				313+^		
Amiton oxalate	3734-97-2	100/10,000	100				
Methyl phenkapton	3735-23-7	500	500				
C.I. Food Red 5	3761-53-3				313		
2,4,5-T amines	3813-14-7			5,000			
Fuberidazole	3878-19-1	100/10,000	100				
Bitoscanate	4044-65-9	500/10,000	500				
1-(3-Chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride	4080-31-3				313		
Isophorone diisocyanate	4098-71-9	500	500		313#		
Phosacetim	4104-14-7	100/10,000	100				
Dichlorosilane	4109-96-0						10,000
Silane, dichloro-	4109-96-0						10,000
4,4'-Diisocyanatodiphenyl ether	4128-73-8				313#		
2-Butenal	4170-30-3	1,000	100	100	X	U053	20,000
Crotonaldehyde	4170-30-3	1,000	100	100	313	U053	20,000
Fluenetil	4301-50-2	100/10,000	100				
Phenol, 2,2'-thiobis[4-chloro-6-methyl-	4418-66-0	100/10,000	100				
N-Nitrosomethylvinylamine	4549-40-0			10	313	P084	
C.I. Acid Green 3	4680-78-8				313		
Hexamethylenediamine, N,N'-dibutyl-	4835-11-4	500	500				
1,1'-Methylene bis(4-isocyanatocyclohexane)	5124-30-1				313#		
5,6-Dihydro-2-methyl-N-phenyl-1,4-oxathiin-3-carboxamide	5234-68-4				X		
Carboxin	5234-68-4				313		
Thiourea, (2-chlorophenyl)-	5344-82-1	100/10,000	100	100		P026	
Dibenzo(a,e)fluoranthene	5385-75-1				313+^		
1-Nitropyrene	5522-43-0				313+^		
Chlorpyrifos methyl	5598-13-0				313		
O,O-Dimethyl-O-(3,5,6-trichloro-2-pyridyl)phosphorothioate	5598-13-0				X		
Coumatetralyl	5836-29-3	500/10,000	500				
Cupric oxalate	5893-66-3			100	313c		
5-Chloro-3-(1,1-dimethylethyl)-6-methyl-2,4(1H,3H)-pyrimidinedione	5902-51-2				X		
Terbacil	5902-51-2				313		
Ethanol, 2,2'-oxybis-, dicarbamate	5952-26-1			1*		U395	
Ammonium oxalate	5972-73-6			5,000			
Ammonium oxalate	6009-70-7			5,000			
2,4,5-T amines	6369-96-6			5,000			
2,4,5-T amines	6369-97-7			5,000			
C.I. Acid Red 114	6459-94-5				313		
Thallium(I) carbonate	6533-73-9	100/10,000	100	100	313c	U215	
Thallous carbonate	6533-73-9	100/10,000	100	100	313c	U215	
Monocrotophos	6923-22-4	10/10,000	10				
4-Chlorophenyl phenyl ether	7005-72-3			5,000			

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
N,N'-Bis(1-methylethyl)-6-methylthio-1,3,5-triazine-2,4-diamine	7287-19-6				X		
Prometryn	7287-19-6				313		
Endrin aldehyde	7421-93-4			1			
Lead stearate	7428-48-0			10	313c		
Aluminum (fume or dust)	7429-90-5				313		
Lead	7439-92-1			10	313^		
Manganese	7439-96-5				313		
Mercury	7439-97-6			1	313^	U151	
Nickel	7440-02-0			100	313		
Silver	7440-22-4			1,000	313		
Sodium	7440-23-5			10			
Thallium	7440-28-0			1,000	313		
Antimony	7440-36-0			5,000	313		
Arsenic	7440-38-2			1	313		
Barium	7440-39-3				313		
Beryllium	7440-41-7			10	313	P015	
Cadmium	7440-43-9			10	313		
Chromium	7440-47-3			5,000	313		
Cobalt	7440-48-4				313		
Copper	7440-50-8			5,000	313		
Vandium (except when contained in an alloy)	7440-62-2				313		
Zinc	7440-66-6			1,000			
Zinc (fume or dust)	7440-66-6			1,000	313		
Selenium dioxide	7446-08-4			10	313c		
Sulfur dioxide	7446-09-5	500	500				
Sulfur dioxide (anhydrous)	7446-09-5	500	500				5,000
Sulfur trioxide	7446-11-9	100	100				10,000
Lead sulfate	7446-14-2			10	313c		
Thallium(I) sulfate	7446-18-6	100/10,000	100	100	313c	P115	
Thallous sulfate	7446-18-6	100/10,000	100	100	313c	P115	
Lead phosphate	7446-27-7			10	313c	U145	
Cupric chloride	7447-39-4			10	313c		
Mercuric chloride	7487-94-7	500/10,000	500		313c		
Selenium sulfide	7488-56-4			10	313c	U205	
Titanium chloride (TiCl4) (T-4)-	7550-45-0	100	1,000	1,000	X		2,500
Titanium tetrachloride	7550-45-0	100	1,000	1,000	313		2,500
Sodium phosphate, dibasic	7558-79-4			5,000			
Lithium hydride	7580-67-8	100	100				
Sodium phosphate, tribasic	7601-54-9			5,000			
Sodium arsenate	7631-89-2	1,000/10,000	1	1	313c		
Sodium bisulfite	7631-90-5			5,000			
Sodium nitrite	7632-00-0			100	313		
Borane, trifluoro-	7637-07-2	500	500		X		5,000
Boron trifluoride	7637-07-2	500	500		313		5,000
Lead arsenate	7645-25-2			1	313c		
Zinc chloride	7646-85-7			1,000	313c		
Hydrochloric acid	7647-01-0			5,000			
Hydrochloric acid (aerosol forms only)	7647-01-0			5,000	313		
Hydrochloric acid (conc 37% or greater)	7647-01-0			5,000			15,000
Hydrogen chloride (anhydrous)	7647-01-0	500	5,000	5,000	X		5,000

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
Hydrogen chloride (gas only)	7647-01-0	500	5,000	5,000	X		5,000
Antimony pentachloride	7647-18-9			1,000			
Phosphoric acid	7664-38-2			5,000			
Hydrofluoric acid	7664-39-3	100	100	100	X	U134	
Hydrofluoric acid (conc. 50% or greater)	7664-39-3	100	100	100	X	U134	1,000
Hydrogen fluoride	7664-39-3	100	100	100	313	U134	
Hydrogen fluoride (anhydrous)	7664-39-3	100	100	100	X	U134	1,000
Ammonia	7664-41-7	500	100	100	313		
Ammonia (anhydrous)	7664-41-7	500	100	100	X		10,000
Ammonia (conc 20% or greater)	7664-41-7			1000	X		20,000
Sulfuric acid	7664-93-9	1,000	1,000	1,000			
Sulfuric acid (aerosol forms only)	7664-93-9	1,000	1,000	1,000	313		
Sodium fluoride	7681-49-4			1,000			
Sodium hypochlorite	7681-52-9			100			
2,2-Dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylic acid (1,3,4,5,6,7-hexahydro-1,3-dioxo-2H-isoindol-2-yl)methyl ester	7696-12-0				X		
Tetramethrin	7696-12-0				313		
Nitric acid	7697-37-2	1,000	1,000	1,000	313		
Nitric acid (conc 80% or greater)	7697-37-2	1,000	1,000	1,000	X		15,000
Zinc bromide	7699-45-8			1,000	313c		
Ferric chloride	7705-08-0			1,000			
Nickel chloride	7718-54-9			100	313c		
Phosphorous trichloride	7719-12-2	1,000	1,000	1,000			15,000
Phosphorus trichloride	7719-12-2	1,000	1,000	1,000			15,000
Ferrous sulfate	7720-78-7			1,000			
Potassium permanganate	7722-64-7			100	313c		
Hydrogen peroxide (Conc.> 52%)	7722-84-1	1,000	1,000				
Phosphorus	7723-14-0	100	1	1			
Phosphorus (yellow or white)	7723-14-0	100	1	1	313		
Bromine	7726-95-6	500	500		313		10,000
Zinc sulfate	7733-02-0			1,000	313c		
Chromic acid	7738-94-5			10	313c		
Potassium bromate	7758-01-2				313		
Sodium phosphate, tribasic	7758-29-4			5,000			
Ferrous chloride	7758-94-3			100			
Lead chloride	7758-95-4			10	313c		
Cupric sulfate	7758-98-7			10	313c		
Silver nitrate	7761-88-8			1	313c		
Ammonium sulfamate	7773-06-0			5,000			
Sodium chromate	7775-11-3			10	313c		
Arsenic acid	7778-39-4			1	313c	P010	
Calcium arsenate	7778-44-1	500/10,000	1	1	313c		
Potassium bichromate	7778-50-9			10	313c		
Calcium hypochlorite	7778-54-3			10			
Zinc hydrosulfite	7779-86-4			1,000	313c		
Zinc nitrate	7779-88-6			1,000	313c		
Fluorine	7782-41-4	500	10	10	313	P056	1,000
Selenium	7782-49-2			100	313		
Chlorine	7782-50-5	100	10	10	313		2,500
Ferrous sulfate	7782-63-0			1,000			

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
Sodium selenite	7782-82-3			100	313c		
Mercurous nitrate	7782-86-7			10	313c		
Selenious acid	7783-00-8	1,000/10,000	10	10	313c	U204	
Hydrogen sulfide	7783-06-4	500	100	100	313s	U135	10,000
Hydrogen selenide	7783-07-5	10	10		313c		500
Mercuric sulfate	7783-35-9			10	313c		
Lead fluoride	7783-46-2			10	313c		
Zinc fluoride	7783-49-5			1,000	313c		
Ferric fluoride	7783-50-8			100			
Antimony trifluoride	7783-56-4			1,000	313c		
Sulfur fluoride (SF4), (T-4)-	7783-60-0	100	100				2,500
Sulfur tetrafluoride	7783-60-0	100	100				2,500
Antimony pentafluoride	7783-70-2	500	500		313c		
Tellurium hexafluoride	7783-80-4	100	100				
Arsenous trichloride	7784-34-1	500	1	1	313c		15,000
Lead arsenate	7784-40-9			1	313c		
Potassium arsenate	7784-41-0			1	313c		
Arsine	7784-42-1	100	100				1,000
Sodium arsenite	7784-46-5	500/10,000	1	1	313c		
Sodium phosphate, tribasic	7785-84-4			5,000			
Mevinphos	7786-34-7	500	10	10	313		
Nickel sulfate	7786-81-4			100	313c		
Beryllium chloride	7787-47-5			1	313c		
Beryllium fluoride	7787-49-7			1	313c		
Beryllium nitrate	7787-55-5			1	313c		
Ammonium chromate	7788-98-9			10	313c		
Potassium chromate	7789-00-6			10	313c		
Strontium chromate	7789-06-2			10	313c		
Ammonium bichromate	7789-09-5			10	313c		
Cadmium bromide	7789-42-6			10	313c		
Cobaltous bromide	7789-43-7			1,000	313c		
Antimony tribromide	7789-61-9			1,000	313c		
Chlorosulfonic acid	7790-94-5			1,000			
Thallium chloride TICl	7791-12-0	100/10,000	100	100	313c	U216	
Thallous chloride	7791-12-0	100/10,000	100	100	313c	U216	
Chlorine monoxide	7791-21-1						10,000
Chlorine oxide	7791-21-1						10,000
Selenium oxychloride	7791-23-3	500	500		313c		
Phosphine	7803-51-2	500	100	100	313	P096	5,000
Ammonium vanadate	7803-55-6			1,000	313c	P119	
Silane	7803-62-5						10,000
Camphechlor	8001-35-2	500/10,000	1	1	X	P123	
Camphene, octachloro-	8001-35-2	500/10,000	1	1	X	P123	
Toxaphene	8001-35-2	500/10,000	1	1	313^	P123	
Creosote	8001-58-9			1	313	U051	
Dichloropropane - Dichloropropene (mixture)	8003-19-8			100			
Pyrethrins	8003-34-7			1			
Oleum (fuming sulfuric acid)	8014-95-7			1,000			10,000
Sulfuric acid (fuming)	8014-95-7			1,000			10,000
Sulfuric acid, mixture with sulfur trioxide	8014-95-7			1,000			10,000
Demeton	8065-48-3	500	500				

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
Metiram	9006-42-2				313		
Polymeric diphenylmethane diisocyanate	9016-87-9				313#		
Sodium hypochlorite	10022-70-5			100			
Chromic chloride	10025-73-7	1/10,000	1		313c		
Silane, trichloro-	10025-78-2						10,000
Trichlorosilane	10025-78-2						10,000
Phosphorus oxychloride	10025-87-3	500	1,000	1,000			5,000
Phosphoryl chloride	10025-87-3	500	1,000	1,000			5,000
Antimony trichloride	10025-91-9			1,000	313c		
Zirconium tetrachloride	10026-11-6			5,000			
Phosphorus pentachloride	10026-13-8	500	500				
Ozone	10028-15-6	100	100		313		
Ferric sulfate	10028-22-5			1,000			
Thallium sulfate	10031-59-1	100/10,000	100	100	313c		
Hydrazine sulfate	10034-93-2				313		
Sodium phosphate, dibasic	10039-32-4			5,000			
Aluminum sulfate	10043-01-3			5,000			
Ferrous ammonium sulfate	10045-89-3			1,000			
Mercuric nitrate	10045-94-0			10	313c		
Chlorine dioxide	10049-04-4				313		1,000
Chlorine oxide (ClO2)	10049-04-4				X		1,000
Chromous chloride	10049-05-5			1,000	313c		
trans-1,3-Dichloropropene	10061-02-6				313		
Lead nitrate	10099-74-8			10	313c		
Chromic sulfate	10101-53-8			1,000	313c		
Lead iodide	10101-63-0			10	313c		
Sodium phosphate, tribasic	10101-89-0			5,000			
Uranyl nitrate	10102-06-4			100			
Sodium selenite	10102-18-8	100/10,000	100	100	313c		
Sodium tellurite	10102-20-2	500/10,000	500				
Nitric oxide	10102-43-9	100	10	10		P076	10,000
Nitrogen oxide (NO)	10102-43-9	100	10	10		P076	10,000
Nitrogen dioxide	10102-44-0	100	10	10		P078	
Thallium(I) nitrate	10102-45-1			100	313c	U217	
Lead arsenate	10102-48-4			1	313c		
Cadmium chloride	10108-64-2			10	313c		
Potassium arsenite	10124-50-2	500/10,000	1	1	313c		
Sodium phosphate, tribasic	10124-56-8			5,000			
Sodium phosphate, dibasic	10140-65-5			5,000			
Ethanol, 1,2-dichloro-, acetate	10140-87-1	1,000	1,000				
Ammonium bisulfite	10192-30-0			5,000			
Ammonium sulfite	10196-04-0			5,000			
Cobalt carbonyl	10210-68-1	10/10,000	10		313c		
2,2-Dibromo-3-nitrilopropionamide	10222-01-2				313s		
Methamidophos	10265-92-6	100/10,000	100				
Borane, trichloro-	10294-34-5	500	500		X		5,000
Boron trichloride	10294-34-5	500	500		313		5,000
Dialifor	10311-84-9	100/10,000	100				
1,4-Bis(methylisocyanate)cyclohexane	10347-54-3				313#		
Sodium phosphate, tribasic	10361-89-4			5,000			
Cupric sulfate, ammoniated	10380-29-7			100	313c		
Mercurous nitrate	10415-75-5			10	313c		

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
Ferric nitrate	10421-48-4			1,000			
5-(Phenylmethyl)-3-furanyl)methyl 2,2-dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylate	10453-86-8				X		
Resmethrin	10453-86-8				313		
Methacrolein diacetate	10476-95-6	1,000	1,000				
Nitrogen dioxide	10544-72-6			10			
Sodium bichromate	10588-01-9			10	313c		
Carbendazim	10605-21-7			1*		U372	
Aroclor 1260	11096-82-5			1			
Aroclor 1254	11097-69-1			1			
Aroclor 1221	11104-28-2			1			
Chromic acid	11115-74-5			10	313c		
Aroclor 1232	11141-16-5			1			
Cupric acetoarsenite	12002-03-8	500/10,000	1	1	313c		
Paris green	12002-03-8	500/10,000	1	1			
Selenious acid, dithallium(1+) salt	12039-52-0			1,000	313c	P114	
Nickel hydroxide	12054-48-7			10	313c		
Manganese, tricarbonyl methylcyclopentadienyl	12108-13-3	100	100		313c		
Carbamodithioic acid, 1,2-ethanediylbis-, zinc complex	12122-67-7				X		
Zineb	12122-67-7				313		
Ammonium fluoride	12125-01-8			100			
Ammonium chloride	12125-02-9			5,000			
Ammonium sulfide	12135-76-1			100			
Carbamodithioic acid, 1,2-ethanediylbis-, manganese complex	12427-38-2				X		
Maneb	12427-38-2				313		
Aroclor 1248	12672-29-6			1			
Aroclor 1016	12674-11-2			1			
Sulfur monochloride	12771-08-3			1,000			
Terbufos	13071-79-9	100	100				
Phosphamidon	13171-21-6	100	100				
Ethoprop	13194-48-4	1,000	1,000		313		
Ethoprophos	13194-48-4	1,000	1,000		X		
Phosphorodithioic acid O-ethyl S,S-dipropyl ester	13194-48-4	1,000	1,000		X		
Fenbutatin oxide	13356-08-6				313		
Hexakis(2-methyl-2-phenylpropyl)distannoxane	13356-08-6				X		
Sodium selenate	13410-01-0	100/10,000	100		313c		
Gallium trichloride	13450-90-3	500/10,000	500				
Nickel carbonyl	13463-39-3	1	10	10	313c	P073	1,000
Iron carbonyl (Fe(CO)5), (TB-5-11)-	13463-40-6	100	100		X		2,500
Iron, pentacarbonyl-	13463-40-6	100	100		313		2,500
1,1-Dichloro-1,2,2,3,3-pentafluoropropane	13474-88-9				313		
HCFC-225cc	13474-88-9				X		
2,4,5-T salts	13560-99-1			1,000			
Beryllium nitrate	13597-99-4			1	313c		
Desmedipham	13684-56-5				313		
Zirconium nitrate	13746-89-9			5,000			

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
Calcium chromate	13765-19-0			10	313c	U032	
Lead fluoborate	13814-96-5			10	313c		
Ammonium fluoborate	13826-83-0			5,000			
sec-Butylamine	13952-84-6			1,000			
Cobaltous sulfamate	14017-41-5			1,000	313c		
Salcomine	14167-18-1	500/10,000	500				
Nickel nitrate	14216-75-2			100	313c		
Ammonium oxalate	14258-49-2			5,000			
Lithium chromate	14307-35-8			10	313c		
Ammonium tartrate	14307-43-8			5,000			
Ferbam	14484-64-1				313		
Tris(dimethylcarbamodithioato-S,S')iron	14484-64-1				X		
Zinc ammonium chloride	14639-97-5			1,000	313c		
Zinc ammonium chloride	14639-98-6			1,000	313c		
Zirconium sulfate	14644-61-2			5,000			
Bicyclo[2.2.1]heptane-2-carbonitrile, 5-chloro-6-((((methylamino)carbonyl)oxy)imino)-,(1-alpha,2-beta,4-alpha,5-alpha,6E))-	15271-41-7	500/10,000	500				
Manganese, bis(dimethylcarbamodithioato-S,S')-	15339-36-3			1*	313c	P196	
2,4,4-Trimethylhexamethylene diisocyanate	15646-96-5				313#		
Nickel ammonium sulfate	15699-18-0			100	313c		
Lead sulfate	15739-80-7			10	313c		
2,3,4-Trichlorophenol	15950-66-0			10	313c		
Alachlor	15972-60-8				313		
C.I. Direct Brown 95	16071-86-6				313		
N-Nitrosonornicotine	16543-55-8				313		
Sodium hydrosulfide	16721-80-5			5,000			
Ethanimidothioic acid, N-[[methylamino)carbonyl]	16752-77-5	500/10,000	100	100		P066	
Methomyl	16752-77-5	500/10,000	100	100		P066	
Zinc silicofluoride	16871-71-9			5,000	313c		
Ammonium silicofluoride	16919-19-0			1,000			
Zirconium potassium fluoride	16923-95-8			1,000			
2,2,4-Trimethylhexamethylene diisocyanate	16938-22-0				313#		
Decaborane(14)	17702-41-9	500/10,000	500				
Formparanate	17702-57-7	100/10,000	1*	1*		P197	
Benomyl	17804-35-2			1*	313	U271	
Streptozotocin	18883-66-4			1		U206	
4-(Dipropylamino)-3,5-dinitrobenzenesulfonamide	19044-88-3				X		
Oryzalin	19044-88-3				313		
Diborane	19287-45-7	100	100				2,500
Diborane(6)	19287-45-7	100	100				2,500
1,2,3,7,8,9-hexachlorodibenzo-p-dioxin	19408-74-3				313!^		
Pentaborane	19624-22-7	500	500				
3-(2,4-Dichloro-5-(1-methylethoxy)phenyl)-5-(1,1-dimethylethyl)-1,3,4-oxadiazol-2(3H)-one	19666-30-9				X		
Oxydiazon	19666-30-9				313		

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
3,3'-Dimethoxybenzidine dihydrochloride	20325-40-0				313		
o-Dianisidine dihydrochloride	20325-40-0				X		
2-(3,4-Dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione	20354-26-1				X		
Methazole	20354-26-1				313		
Osmium oxide OsO4 (T-4)-	20816-12-0			1,000	X	P087	
Osmium tetroxide	20816-12-0			1,000	313	P087	
Digoxin	20830-75-5	10/10,000	10				
Daunomycin	20830-81-3			10		U059	
Aluminum phosphide	20859-73-8	500	100	100	313	P006	
Metribuzin	21087-64-9				313		
Fosthietan	21548-32-3	500	500				
Leptophos	21609-90-5	500/10,000	500				
Cyanazine	21725-46-2				313		
Mercuric oxide	21908-53-2	500/10,000	500		313c		
Chlorthiophos	21923-23-9	500	500				
Fenamiphos	22224-92-6	10/10,000	10				
2,2-Dimethyl-1,3-benzodioxol-4-ol methylcarbamate	22781-23-3			1*	X	U278	
Bendiocarb	22781-23-3			1*	313	U278	
Bendiocarb phenol	22961-82-6			1*		U364	
Oxamyl	23135-22-0	100/10,000	1*	1*		P194	
Formetanate hydrochloride	23422-53-9	500/10,000	1*	1*		P198	
Pirimifos-ethyl	23505-41-1	1,000	1,000				
Thiophanate-methyl	23564-05-8			1*	313	U409	
(1,2-Phenylenebis(iminocarbonothioyl)) biscarbamic acid diethyl ester	23564-06-9				X		
Thiophanate ethyl	23564-06-9				313		
Benzamide, 3,5-dichloro-N-(1,1-dimethyl-2-propynyl	23950-58-5			5,000	X	U192	
Pronamide	23950-58-5			5,000	313	U192	
Triazofos	24017-47-8	500	500				
Chlormephos	24934-91-6	500	500				
Dinitrobenzene (mixed isomers)	25154-54-5			100			
Nitrophenol (mixed isomers)	25154-55-6			100			
Sodium dodecylbenzenesulfonate	25155-30-0			1,000			
Butene	25167-67-3						10,000
Trichlorophenol	25167-82-2			10	313c		
2,4,5-T esters	25168-15-4			1,000			
2,4-D Esters	25168-26-7			100			
2-((Ethoxyl((1-methylethyl)amino]phosphinothioyl]oxy) benzoic acid 1-methylethyl ester	25311-71-1				X		
Isofenphos	25311-71-1				313		
Dinitrotoluene (mixed isomers)	25321-14-6			10	313		
Dichlorobenzene	25321-22-6			100	X		
Dichlorobenzene (mixed isomers)	25321-22-6			100	313		
Diaminotoluene (mixed isomers)	25376-45-8			10	313	U221	
Toluenediamine	25376-45-8			10	X	U221	
Dinitrophenol	25550-58-7			10			
2,2-Dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylic acid (3-phenoxyphenyl)methyl ester	26002-80-2				X		

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
Phenothrin	26002-80-2				313		
Calcium dodecylbenzenesulfonate	26264-06-2			1,000			
Carbamic acid, methyl-, O-(((2,4-dimethyl-1,3-dithiolan-2-yl)methylene)amino)-	26419-73-8	100/10,000	1*	1*		P185	
Benzene, 1,3-diisocyanatomethyl-	26471-62-5			100	X	U223	10,000
Toluene diisocyanate (unspecified isomer)	26471-62-5			100	X	U223	10,000
Toluenediisocyanate (mixed isomers)	26471-62-5			100	313	U223	10,000
Sodium azide (Na(N3))	26628-22-8	500	1,000	1,000	313	P105	
Dichloropropane	26638-19-7			1,000			
N,N'-(1,4-Piperazinediylbis(2,2,2-trichloroethylidene)) bisformamide	26644-46-2				X		
Triforine	26644-46-2				313		
Dichloropropene	26952-23-8			100			
Trichloro(dichlorophenyl)silane	27137-85-5	500	500				
Dodecylbenzenesulfonic acid	27176-87-0			1,000			
4-Chloro-5-(methylamino)-2-[3-(trifluoromethyl)phenyl]-3(2H)-pyridazinone	27314-13-2				X		
Norflurazon	27314-13-2				313		
Triethanolamine dodecylbenzene sulfonate	27323-41-7			1,000			
Vanadyl sulfate	27774-13-6			1,000	313c		
d-trans-Allethrin	28057-48-9				313		
d-trans-Chrysanthemic acid of d-allethrone	28057-48-9				X		
Carbamic acid, diethylthio-, S-(p-chlorobenzyl)	28249-77-6				X		
Thiobencarb	28249-77-6				313		
Antimony potassium tartrate	28300-74-5			100	313c		
Xylylene dichloride	28347-13-9	100/10,000	100				
C.I. Direct Blue 218	28407-37-6				313		
Bromadiolone	28772-56-7	100/10,000	100				
Octachlorostyrene	29082-74-4				313^		
O-(2-(Diethylamino)-6-methyl-4-pyrimidinyl)-O,O-dimethyl phosphorothioate	29232-93-7				X		
Pirimiphos methyl	29232-93-7				313		
Paraformaldehyde	30525-89-4			1,000			
Ethanimidothioic acid, 2-(dimethylamino)-N-hydroxy-2-oxo-, methyl ester	30558-43-1			1*		U394	
Acephate	30560-19-1				313		
Acetylphosphoramidothioic acid O,S-dimethyl ester	30560-19-1				X		
Methacryloyloxyethyl isocyanate	30674-80-7	100	100				
3-((Ethylamino)methoxyphosphinothioyl)oxy)-2-butenoic acid, 1-methylethyl ester	31218-83-4				X		
Propetamphos	31218-83-4				313		
2,4,5-TP esters	32534-95-5			100			
Amitraz	33089-61-1				313		
beta - Endosulfan	33213-65-9			1			

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
N-(5-(1,1-Dimethylethyl)-1,3,4-thiadiazol-2-yl)-N,N'-dimethylurea	34014-18-1				X		
Tebuthiuron	34014-18-1				313		
Dichlorotrifluoroethane	34077-87-7				313		
Diflubenzuron	35367-38-5				313		
O-Ethyl O-(4-(methylthio)phenyl)phosphorodithioic acid S-propyl ester	35400-43-2				X		
Sulprofos	35400-43-2				313		
1-(2-(2,4-Dichlorophenyl)-2-(2-propenyloxy)ethyl)-1H-imidazole	35554-44-0				X		
Imazalil	35554-44-0				313		
1-Bromo-1-(bromomethyl)-1,3-propanedicarbonitrile	35691-65-7				313		
1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin	35822-46-9				313!^		
Uranyl nitrate	36478-76-9			100			
Nickel chloride	37211-05-5			100	313c		
1,3-Bis(methylisocyanate)cyclohexane	38661-72-2				313#		
Diethatyl ethyl	38727-55-8				313		
1,2,3,4,6,7,8,9-octachlorodibenzofuran	39001-02-0				313!^		
2,4-Diaminoanisole sulfate	39156-41-7				313		
Thiofanox	39196-18-4	100/10,000	100	100		P045	
1,2,3,4,7,8-hexachlorodibenzo-p-dioxin	39227-28-6				313!^		
Dinocap	39300-45-3				313		
2,2,3,3-Tetramethylcyclopropane carboxylic acid cyano(3-phenoxyphenyl)methyl ester	39515-41-8				X		
Fenpropathrin	39515-41-8				313		
1,2,3,7,8-pentachlorodibenzo-p-dioxin	40321-76-4				313!^		
N-(1-Ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine	40487-42-1				X		
Pendimethalin	40487-42-1				313^		
O-(4-Bromo-2-chlorophenyl)-O-ethyl-S-propylphosphorothioate	41198-08-7				X		
Profenofos	41198-08-7				313		
3,3'-Dimethylbenzidine dihydrofluoride	41766-75-0				313		
o-Tolidine dihydrofluoride	41766-75-0				X		
Isopropanolamine dodecylbenzene sulfonate	42504-46-1			1,000			
Oxyfluorfen	42874-03-3				313		
1-(4-Chlorophenoxy)-3,3-dimethyl-1-(1H-1,2,4-triazol-1-yl)-2-butanone	43121-43-3				X		
Triadimefon	43121-43-3				313		
3-(3,5-Dichlorophenyl)-5-ethenyl-5-methyl-2,4-oxazolidinedione	50471-44-8				X		
Vinclozolin	50471-44-8				313		
Phosphonothioic acid, methyl-, S-(2-(bis(1-methylethyl)amino)ethyl) O-ethyl ester	50782-69-9	100	100				
2,3,7,8-tetrachlorodibenzofuran	51207-31-9				313!^		
Hexazinone	51235-04-2				313		
2-(4-(2,4-Dichlorophenoxy)phenoxy)propanoic acid, methyl ester	51338-27-3				X		

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
Diclofop methyl	51338-27-3				313		
4-Chloro-alpha-(1-methylethyl)benzeneacetic acid cyano(3-phenoxyphenyl)methyl ester	51630-58-1				X		
Fenvalerate	51630-58-1				313		
Zinc ammonium chloride	52628-25-8			1,000	313c		
3-(2,2-Dichloroethenyl)-2,2-dimethylcyclopropane carboxylic acid, (3-phenoxy-phenyl)methyl ester	52645-53-1				X		
Permethrin	52645-53-1				313		
Lead stearate	52652-59-2			10	313c		
Calcium arsenite	52740-16-6			1	313c		
Carbamothioic acid, dipropyl-, S-(phenylmethyl) ester	52888-80-9			1*		U387	
2,4-(1H,3H)-Pyrimidinedione, 5-bromo-6-methyl-3-(1-methylpropyl), lithium salt	53404-19-6				X		
Bromacil, lithium salt	53404-19-6				313		
2,4-D 2-ethyl-4-methylpentyl ester	53404-37-8				313		
Dazomet, sodium salt	53404-60-7				313		
Tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione, ion(1-), sodium	53404-60-7				X		
2,4-D Esters	53467-11-1			100			
Aroclor 1242	53469-21-9			1			
Pyriminil	53558-25-1	100/10,000	100				
Carbosulfan	55285-14-8			1*		P189	
2,3,-Dihydro-5,6-dimethyl-1,4-dithiin 1,1,4,4-tetraoxide	55290-64-7				X		
Dimethipin	55290-64-7				313		
3-Iodo-2-propynyl butylcarbamate	55406-53-6				313		
Ferric ammonium oxalate	55488-87-4			1,000			
1,2,3,4,7,8,9-heptachlorodibenzofuran	55673-89-7				313!^		
Lead stearate	56189-09-4			10	313c		
2,3,4,7,8-pentachlorodibenzofuran	57117-31-4				313!^		
1,2,3,7,8-pentachlorodibenzofuran	57117-41-6				313!^		
1,2,3,6,7,8-hexachlorodibenzofuran	57117-44-9				313!^		
Triclopyr triethylammonium salt	57213-69-1				313		
1,2,3,6,7,8-hexachlorodibenzo-p-dioxin	57653-85-7				313!^		
Zinc, dichloro(4,4-dimethyl-5((((methylamino)carbonyl)oxy)imino)pentanenitrile)-, (T-4)-	58270-08-9	100/10,000	100		313c		
Thiodicarb	59669-26-0			1*	313	U410	
.alpha.-(2-Chlorophenyl)-.alpha.-4-chlorophenyl)-5-pyrimidinemethanol	60168-88-9				X		
Fenarimol	60168-88-9				313		
1-(2-(2,4-Dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl)-methyl-1H-1,2,4,-triazole	60207-90-1				X		
Propiconazole	60207-90-1				313		
2,3,4,6,7,8-hexachlorodibenzofuran	60851-34-5				313!^		
2,4,5-T esters	61792-07-2			1,000			
Cobalt, ((2,2'-(1,2-ethanediylbis(nitrilomethylidyne))bis(6-fluorophenylato))(2-)-N,N',O,O')-	62207-76-5	100/10,000	100		313c		
5-(2-Chloro-4-(trifluoromethyl)phenoxy)-2-nitrobenzoic acid, sodium salt	62476-59-9				X		

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
Acifluorfen, sodium salt	62476-59-9				313		
Chlorotetrafluoroethane	63938-10-3				313		
2-Chloro-N-(((4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino]carbonyl)benzenesulfonamide	64902-72-3				X		
Chlorsulfuron	64902-72-3				313		
3,3'-Dichlorobenzidine sulfate	64969-34-2				313		
2-(4-((6-Chloro-2-benzoxazolylen)oxy)phenoxy)propanoic acid, ethyl ester	66441-23-4				X		
Fenoxaprop ethyl	66441-23-4				313		
Hydramethylnon	67485-29-4				313		
Tetrahydro-5,5-dimethyl-2(1H)-pyrimidinone(3-(4-(trifluoromethyl)phenyl)-1-(2-(4-(trifluoromethyl)phenyl)ethenyl)-2-propenylidene)hydrazone	67485-29-4				X		
1,2,3,4,6,7,8-heptachlorodibenzofuran	67562-39-4				313!^		
3-(2-Chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropanecarboxylic acid cyano(3-phenoxyphenyl) methyl ester	68085-85-8				X		
Cyhalothrin	68085-85-8				313		
3-(2,2-Dichloroethenyl)-2,2-dimethylcyclopropanecarboxylic acid, cyano(4-fluoro-3-phenoxyphenyl)methyl ester	68359-37-5				X		
Cyfluthrin	68359-37-5				313		
Fluvalinate	69409-94-5				313		
N-(2-Chloro-4-(trifluoromethyl)phenyl)-DL-valine(+)-cyano(3-phenoxyphenyl)methyl ester	69409-94-5				X		
2-(4-((5-(Trifluoromethyl)-2-pyridinyl)oxy)-phenoxy)propanoic acid, butyl ester	69806-50-4				X		
Fluazifop butyl	69806-50-4				313		
1,2,3,4,7,8-hexachlorodibenzofuran	70648-26-9				313!^		
Abamectin	71751-41-2				313		
Avermectin B1	71751-41-2				X		
5-(2-Chloro-4-(trifluoromethyl)phenoxy)-N-methylsulfonyl)-2-nitrobenzamide	72178-02-0				X		
Fomesafen	72178-02-0				313		
(2-(4-Phenoxyphenoxy)ethyl carbamic acid ethyl ester	72490-01-8				X		
Fenoxycarb	72490-01-8				313		
1,2,3,7,8,9-hexachlorodibenzofuran	72918-21-9				313!^		
2-(1-(Ethoxyimino) butyl)-5-(2-(ethylthio)propyl)-3-hydroxyl-2-cyclohexen-1-one	74051-80-2				X		
Sethoxydim	74051-80-2				313		
4-Methyldiphenylmethane-3,4-diisocyanate	75790-84-0				313#		
2,4'-Diisocyanatodiphenyl sulfide	75790-87-3				313#		
2-(4-((6-Chloro-2-quinoxalinyl)oxy]phenoxy) propanoic acid ethyl ester	76578-14-8				X		

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
Quizalofop-ethyl	76578-14-8				313		
5-(2-Chloro-4-(trifluoromethyl)phenoxy)-2-nitro-2-ethoxy-1-methyl-2-oxoethyl ester	77501-63-4				X		
Benzoic acid, 5-(2-chloro-4-(trifluoromethyl)phenoxy)-2-nitro-, 2-ethoxy-1-methyl-2-oxethyl ester	77501-63-4				313		
Lactofen	77501-63-4				313		
Bifenthrin	82657-04-3				313		
.alpha.-Butyl-.alpha.-(4-chlorophenyl)-1H-1,2,4-triazole-1-propanenitrile	88671-89-0				X		
Myclobutanil	88671-89-0				313		
Dichloro-1,1,2-trifluoroethane	90454-18-5				313		
Chlorimuron ethyl	90982-32-4				313		
Ethyl-2-(((((4-chloro-6-methoxyprimidin-2-yl)amino)carbonyl)amino)sulfonyl)benzoate	90982-32-4				X		
2-(4-Methoxy-6-methyl-1,3,5-triazin-2-yl)-methylamino)carbonyl)amino)sulfonyl)benzoic acid, methyl ester	101200-48-0				X		
Tribenuron methyl	101200-48-0				313		
1,1-Dichloro-1,2,3,3,3-pentafluoropropane	111512-56-2				313		
HCFC-225eb	111512-56-2				X		
3,3'-Dimethoxybenzidine hydrochloride	111984-09-9				313		
o-Dianisidine hydrochloride	111984-09-9				X		
Dichloropentafluoropropane	127564-92-5				313		
2,2-Dichloro-1,1,1,3,3-pentafluoropropane	128903-21-9				313		
HCFC-225aa	128903-21-9				X		
Diethyldiisocyanatobenzene	134190-37-7				313#		
1,3-Dichloro-1,1,2,3,3-pentafluoropropane	136013-79-1				313		
HCFC-225ea	136013-79-1				X		
Antimony Compounds	N010			***	313		
Arsenic Compounds	N020			***	313		
Barium Compounds	N040				313		
--Except Barium Sulfate (under 313)	0						
Beryllium Compounds	N050			***	313		
Cadmium Compounds	N078			***	313		
Chlorinated Phenols	N084			***	313		
Chlorophenols	N084			***	313		
Chromium Compounds	N090			***	313		
Cobalt Compounds	N096			***	313		
Copper Compounds	N100			***	313		
--Except C.I. Pigment Blue 15 (under 313)	0						
--Except C.I. Pigment Green 36 (under 313)	0						
--Except C.I. Pigment Green 7 (under 313)	0						
--Except copper phthalocyanine compounds (under 313)	0						

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
Cyanide Compounds	N106			***	313		
Diisocyanates (includes only 20 chemicals)	N120				313		
Dioxin and dioxin-like compounds (includes only 17 chemicals)	N150				313^		
Ethylenebisdithiocarbamic acid, salts and esters	N171				313		
Glycol Ethers	N230			***	313		
Lead Compounds	N420			***	313^		
Manganese Compounds	N450			***	313		
Mercury Compounds	N458			***	313^		
Nickel Compounds	N495			***	313		
Nicotine and salts	N503				313		
Nitrate compounds (water dissociable)	N511				313		
Polybrominated Biphenyls (PBBs)	N575				313		
Polychlorinated alkanes (C10 to C13)	N583				313		
Polycyclic aromatic compounds (includes only 19 chemicals)	N590				313^		
Selenium Compounds	N725			***	313		
Silver Compounds	N740			***	313		
Strychnine and salts	N746				313		
Thallium Compounds	N760			***	313		
Vandium Compounds	N770				313		
Warfarin and salts	N874				313		
Zinc Compounds	N982			***	313		

LIST OF LISTS
CONSOLIDATED LIST OF CHEMICALS (BY NAME) SUBJECT TO THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT (EPCRA) AND SECTION 112(r) OF THE CLEAN AIR ACT

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
Abamectin	71751-41-2				313		
Acenaphthene	83-32-9			100			
Acenaphthylene	208-96-8			5,000			
Acephate	30560-19-1				313		
Acetaldehyde	75-07-0			1,000	313	U001	10,000
Acetaldehyde, trichloro-	75-87-6			5,000		U034	
Acetamide	60-35-5			100	313		
Acetic acid	64-19-7			5,000			
Acetic acid, (2,4-dichlorophenoxy)-	94-75-7			100	X	U240	
Acetic acid ethenyl ester	108-05-4	1,000	5,000	5,000	X		15,000
Acetic anhydride	108-24-7			5,000			
Acetone	67-64-1			5,000		U002	
Acetone cyanohydrin	75-86-5	1,000	10	10	X	P069	
Acetone thiosemicarbazide	1752-30-3	1,000/10,000	1,000				
Acetonitrile	75-05-8			5,000	313	U003	
Acetophenone	98-86-2			5,000	313	U004	
2-Acetylaminofluorene	53-96-3			1	313	U005	
Acetyl bromide	506-96-7			5,000			
Acetyl chloride	75-36-5			5,000		U006	
Acetylene	74-86-2						10,000
Acetylphosphoramidothioic acid O,S-dimethyl ester	30560-19-1				X		
1-Acetyl-2-thiourea	591-08-2			1,000		P002	
Acifluorfen, sodium salt	62476-59-9				313		
Acrolein	107-02-8	500	1	1	313	P003	5,000
Acrylamide	79-06-1	1,000/10,000	5,000	5,000	313	U007	
Acrylic acid	79-10-7			5,000	313	U008	
Acrylonitrile	107-13-1	10,000	100	100	313	U009	20,000
Acrylyl chloride	814-68-6	100	100				5,000
Adipic acid	124-04-9			5,000			
Adiponitrile	111-69-3	1,000	1,000				
Alachlor	15972-60-8				313		
Aldicarb	116-06-3	100/10,000	1	1	313	P070	
Aldicarb sulfone	1646-88-4			1*		P203	
Aldrin	309-00-2	500/10,000	1	1	313^	P004	
d-trans-Allethrin	28057-48-9				313		
Allyl alcohol	107-18-6	1,000	100	100	313	P005	15,000
Allylamine	107-11-9	500	500		313		10,000
Allyl chloride	107-05-1			1,000	313		
Aluminum (fume or dust)	7429-90-5				313		
Aluminum oxide (fibrous forms)	1344-28-1				313		
Aluminum phosphide	20859-73-8	500	100	100	313	P006	
Aluminum sulfate	10043-01-3			5,000			
Ametryn	834-12-8				313		
2-Aminoanthraquinone	117-79-3				313		
4-Aminoazobenzene	60-09-3				313		
4-Aminobiphenyl	92-67-1			1	313		
1-Amino-2-	82-28-0				313		

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
methylanthraquinone							
5-(Aminomethyl)-3-isoxazolol	2763-96-4	500/10,000	1,000	1,000		P007	
Aminopterin	54-62-6	500/10,000	500				
4-Aminopyridine	504-24-5	500/10,000	1,000	1,000		P008	
Amiton	78-53-5	500	500				
Amiton oxalate	3734-97-2	100/10,000	100				
Amitraz	33089-61-1				313		
Amitrole	61-82-5			10	313	U011	
Ammonia	7664-41-7	500	100	100	313		
Ammonia (anhydrous)	7664-41-7	500	100	100	X		10,000
Ammonia (conc 20% or greater)	7664-41-7			1000	X		20,000
Ammonium acetate	631-61-8			5,000			
Ammonium benzoate	1863-63-4			5,000			
Ammonium bicarbonate	1066-33-7			5,000			
Ammonium bichromate	7789-09-5			10	313c		
Ammonium bifluoride	1341-49-7			100			
Ammonium bisulfite	10192-30-0			5,000			
Ammonium carbamate	1111-78-0			5,000			
Ammonium carbonate	506-87-6			5,000			
Ammonium chloride	12125-02-9			5,000			
Ammonium chromate	7788-98-9			10	313c		
Ammonium citrate, dibasic	3012-65-5			5,000			
Ammonium fluoborate	13826-83-0			5,000			
Ammonium fluoride	12125-01-8			100			
Ammonium hydroxide	1336-21-6			1,000	313		
Ammonium oxalate	5972-73-6			5,000			
Ammonium oxalate	6009-70-7			5,000			
Ammonium oxalate	14258-49-2			5,000			
Ammonium picrate	131-74-8			10		P009	
Ammonium silicofluoride	16919-19-0			1,000			
Ammonium sulfamate	7773-06-0			5,000			
Ammonium sulfide	12135-76-1			100			
Ammonium sulfite	10196-04-0			5,000			
Ammonium tartrate	3164-29-2			5,000			
Ammonium tartrate	14307-43-8			5,000			
Ammonium thiocyanate	1762-95-4			5,000			
Ammonium vanadate	7803-55-6			1,000	313c	P119	
Amphetamine	300-62-9	1,000	1,000				
Amyl acetate	628-63-7			5,000			
iso-Amyl acetate	123-92-2			5,000			
sec-Amyl acetate	626-38-0			5,000			
tert-Amyl acetate	625-16-1			5,000			
Anilazine	101-05-3				313		
Aniline	62-53-3	1,000	5,000	5,000	313	U012	
Aniline, 2,4,6-trimethyl-	88-05-1	500	500				
o-Anisidine	90-04-0			100	313		
p-Anisidine	104-94-9				313		
o-Anisidine hydrochloride	134-29-2				313		
Anthracene	120-12-7			5,000	313		
Antimony	7440-36-0			5,000	313		
Antimony Compounds	N010			***	313		

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
Antimony pentachloride	7647-18-9			1,000			
Antimony pentafluoride	7783-70-2	500	500		313c		
Antimony potassium tartrate	28300-74-5			100	313c		
Antimony tribromide	7789-61-9			1,000	313c		
Antimony trichloride	10025-91-9			1,000	313c		
Antimony trifluoride	7783-56-4			1,000	313c		
Antimony trioxide	1309-64-4			1,000	313c		
Antimycin A	1397-94-0	1,000/10,000	1,000				
ANTU	86-88-4	500/10,000	100	100		P072	
Aroclor 1016	12674-11-2			1			
Aroclor 1221	11104-28-2			1			
Aroclor 1232	11141-16-5			1			
Aroclor 1242	53469-21-9			1			
Aroclor 1248	12672-29-6			1			
Aroclor 1254	11097-69-1			1			
Aroclor 1260	11096-82-5			1			
Arsenic	7440-38-2			1	313		
Arsenic acid	1327-52-2			1	313c	P010	
Arsenic acid	7778-39-4			1	313c	P010	
Arsenic Compounds	N020			***	313		
Arsenic disulfide	1303-32-8			1	313c		
Arsenic pentoxide	1303-28-2	100/10,000	1	1	313c	P011	
Arsenic trioxide	1327-53-3	100/10,000	1	1	313c	P012	
Arsenic trisulfide	1303-33-9			1	313c		
Arsenous oxide	1327-53-3	100/10,000	1	1	313c	P012	
Arsenous trichloride	7784-34-1	500	1	1	313c		15,000
Arsine	7784-42-1	100	100				1,000
Asbestos (friable)	1332-21-4			1	313		
Atrazine	1912-24-9				313		
Auramine	492-80-8			100	X	U014	
Avermectin B1	71751-41-2				X		
Azaserine	115-02-6			1		U015	
1H-Azepine-1 carbothioic acid, hexahydro-S-ethyl ester	2212-67-1				X		
Azinphos-ethyl	2642-71-9	100/10,000	100				
Azinphos-methyl	86-50-0	10/10,000	1	1			
Aziridine	151-56-4	500	1	1	X	P054	10,000
Aziridine, 2-methyl	75-55-8	10,000	1	1	X	P067	10,000
Barban	101-27-9			1*		U280	
Barium	7440-39-3				313		
Barium Compounds	N040				313		
--Except Barium Sulfate (under 313)	0						
Barium cyanide	542-62-1			10	313c	P013	
Bendiocarb	22781-23-3			1*	313	U278	
Bendiocarb phenol	22961-82-6			1*		U364	
Benezeneamine, 2,6-dinitro-N,N-dipropyl-4-(trifluoromethyl)-	1582-09-8			10	X		
Benfluralin	1861-40-1				313		
Benomyl	17804-35-2			1*	313	U271	
Benz[c]acridine	225-51-4			100		U016	

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
Benzal chloride	98-87-3	500	5,000	5,000	313	U017	
Benzamide	55-21-0				313		
Benzamide, 3,5-dichloro-N-(1,1-dimethyl-2-propynyl	23950-58-5			5,000	X	U192	
Benz[a]anthracene	56-55-3			10	313+^	U018	
Benzenamine, 3-(trifluoromethyl)-	98-16-8	500	500				
Benzene	71-43-2			10	313	U019	
Benzeneacetic acid, 4-chloro-.alpha.-(4-chlorophenyl)-.alpha.-hydroxy-, ethyl ester	510-15-6			10	X	U038	
Benzeneamine, N-hydroxy-N-nitroso, ammonium salt	135-20-6				X		
Benzenearsonic acid	98-05-5	10/10,000	10				
Benzene, 1-(chloromethyl)-4-nitro-	100-14-1	500/10,000	500				
1,3-Benzenedicarbonitrile, 2,4,5,6-tetrachloro-	1897-45-6				X		
Benzene, 2,4-dichloro-1-(4-nitrophenoxy)-	1836-75-5				X		
Benzene, 2,4-diisocyanato-1-methyl-	584-84-9	500	100	100	X		10,000
Benzene, 1,3-diisocyanato-2-methyl-	91-08-7	100	100	100	X		10,000
Benzene, 1,3-diisocyanatomethyl-	26471-62-5			100	X	U223	10,000
Benzene, m-dimethyl-	108-38-3			1,000	X	U239	
Benzene, o-dimethyl-	95-47-6			1,000	X	U239	
Benzene, p-dimethyl-	106-42-3			100	X	U239	
Benzeneethanamine, alpha,alpha-dimethyl-	122-09-8			5,000		P046	
Benzenemethanol, 4-chloro-.alpha.-4-chlorophenyl)-.alpha.-(trichloromethyl)-	115-32-2			10	X		
Benzenesulfonyl chloride	98-09-9			100		U020	
Benzenethiol	108-98-5	500	100	100		P014	
Benzene, 1,1'-(2,2,2-trichloroethylidene)bis [4-methoxy-	72-43-5			1	X	U247	
Benzidine	92-87-5			1	313	U021	
Benzimidazole, 4,5-dichloro-2-(trifluoromethyl)-	3615-21-2	500/10,000	500				
Benzo[b]fluoranthene	205-99-2			1	313+^		
Benzo(j)fluoranthene	205-82-3				313+^		
Benzo(k)fluoranthene	207-08-9			5,000	313+^		
Benzoic acid	65-85-0			5,000			
Benzoic acid, 3-amino-2,5-dichloro-	133-90-4			100	X		
Benzoic acid, 5-(2-chloro-4-(trifluoromethyl)phenoxy)-2-nitro-, 2-ethoxy-1-methyl-2-oxethyl ester	77501-63-4				313		
Benzoic trichloride	98-07-7	100	10	10	313	U023	
Benzonitrile	100-47-0			5,000			
Benzo(rst)pentaphene	189-55-9			10	313+	U064	

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
Benzo[g,h,i]perylene	191-24-2			5,000	313^		
Benzo(a)phenanthrene	218-01-9			100	313+^	U050	
Benzo[a]pyrene	50-32-8			1	313+^	U022	
p-Benzoquinone	106-51-4			10	X	U197	
Benzotrichloride	98-07-7	100	10	10	X	U023	
Benzoyl chloride	98-88-4			1,000	313		
Benzoyl peroxide	94-36-0				313		
Benzyl chloride	100-44-7	500	100	100	313	P028	
Benzyl cyanide	140-29-4	500	500				
Beryllium	7440-41-7			10	313	P015	
Beryllium chloride	7787-47-5			1	313c		
Beryllium Compounds	N050			***	313		
Beryllium fluoride	7787-49-7			1	313c		
Beryllium nitrate	7787-55-5			1	313c		
Beryllium nitrate	13597-99-4			1	313c		
alpha-BHC	319-84-6			10	X		
beta-BHC	319-85-7			1			
delta-BHC	319-86-8			1			
Bicyclo[2.2.1]heptane-2-carbonitrile, 5-chloro-6-((((methylamino)carbonyl)oxy)imino)-,(1-alpha,2-beta,4-alpha,5-alpha,6E))-	15271-41-7	500/10,000	500				
Bifenthrin	82657-04-3				313		
2,2'-Bioxirane	1464-53-5	500	10	10	X	U085	
Biphenyl	92-52-4			100	313		
Bis(2-chloroethoxy) methane	111-91-1			1,000	313	U024	
Bis(2-chloroethyl) ether	111-44-4	10,000	10	10	313	U025	
Bis(chloromethyl) ether	542-88-1	100	10	10	313	P016	1,000
Bis(2-chloro-1-methylethyl)ether	108-60-1			1,000	313	U027	
Bis(chloromethyl) ketone	534-07-6	10/10,000	10				
Bis(2-ethylhexyl)phthalate	117-81-7			100	X	U028	
N,N'-Bis(1-methylethyl)-6-methylthio-1,3,5-triazine-2,4-diamine	7287-19-6				X		
1,3-Bis(methylisocyanate)cyclohexane	38661-72-2				313#		
1,4-Bis(methylisocyanate)cyclohexane	10347-54-3				313#		
Bis(tributyltin) oxide	56-35-9				313		
Bitoscanate	4044-65-9	500/10,000	500				
Borane, trichloro-	10294-34-5	500	500		X		5,000
Borane, trifluoro-	7637-07-2	500	500		X		5,000
Boron trichloride	10294-34-5	500	500		313		5,000
Boron trifluoride	7637-07-2	500	500		313		5,000
Boron trifluoride compound with methyl ether (1:1)	353-42-4	1,000	1,000				15,000
Boron, trifluoro[oxybis[methane]]-, (T-4)-	353-42-4	1,000	1,000				15,000
Bromacil	314-40-9				313		

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
Bromacil, lithium salt	53404-19-6				313		
Bromadiolone	28772-56-7	100/10,000	100				
Bromine	7726-95-6	500	500		313		10,000
Bromoacetone	598-31-2			1,000		P017	
1-Bromo-1-(bromomethyl)-1,3-propanedicarbonitrile	35691-65-7				313		
Bromochlorodifluoromethane	353-59-3				313		
O-(4-Bromo-2-chlorophenyl)-O-ethyl-S-propylphosphorothioate	41198-08-7				X		
Bromoform	75-25-2			100	313	U225	
Bromomethane	74-83-9	1,000	1,000	1,000	313	U029	
5-Bromo-6-methyl-3-(1-methylpropyl)-2,4-(1H,3H)-pyrimidinedione	314-40-9				X		
4-Bromophenyl phenyl ether	101-55-3			100		U030	
Bromotrifluoroethylene	598-73-2						10,000
Bromotrifluoromethane	75-63-8				313		
Bromoxynil	1689-84-5				313		
Bromoxynil octanoate	1689-99-2				313		
Brucine	357-57-3			100	313	P018	
1,3-Butadiene	106-99-0			10	313		10,000
1,3-Butadiene, 2-methyl-	78-79-5			100			10,000
Butane	106-97-8						10,000
Butane, 2-methyl-	78-78-4						10,000
2-Butenal	4170-30-3	1,000	100	100	X	U053	20,000
2-Butenal, (e)-	123-73-9	1,000	100	100		U053	20,000
Butene	25167-67-3						10,000
1-Butene	106-98-9						10,000
2-Butene	107-01-7						10,000
2-Butene-cis	590-18-1						10,000
2-Butene, 1,4-dichloro-	764-41-0			1	X	U074	
2-Butene, (E)	624-64-6						10,000
2-Butene-trans	624-64-6						10,000
1-Buten-3-yne	689-97-4						10,000
2,4-D butoxyethyl ester	1929-73-3			100	313		
Butyl acetate	123-86-4			5,000			
iso-Butyl acetate	110-19-0			5,000			
sec-Butyl acetate	105-46-4			5,000			
tert-Butyl acetate	540-88-5			5,000			
Butyl acrylate	141-32-2				313		
n-Butyl alcohol	71-36-3			5,000	313	U031	
sec-Butyl alcohol	78-92-2				313		
tert-Butyl alcohol	75-65-0				313		
Butylamine	109-73-9			1,000			
iso-Butylamine	78-81-9			1,000			
sec-Butylamine	513-49-5			1,000			
sec-Butylamine	13952-84-6			1,000			
tert-Butylamine	75-64-9			1,000			
Butyl benzyl phthalate	85-68-7			100			
.alpha.-Butyl-.alpha.-(4-chlorophenyl)-1H-1,2,4-triazole-1-propanenitrile	88671-89-0				X		

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
1,2-Butylene oxide	106-88-7			100	313		
Butylethylcarbamothioic acid S-propyl ester	1114-71-2				X		
N-Butyl-N-ethyl-2,6-dinitro-4-(trifluoromethyl) benzenamine	1861-40-1				X		
n-Butyl phthalate	84-74-2			10	X	U069	
1-Butyne	107-00-6						10,000
Butyraldehyde	123-72-8				313		
Butyric acid	107-92-6			5,000			
iso-Butyric acid	79-31-2			5,000			
Cacodylic acid	75-60-5			1		U136	
Cadmium	7440-43-9			10	313		
Cadmium acetate	543-90-8			10	313c		
Cadmium bromide	7789-42-6			10	313c		
Cadmium chloride	10108-64-2			10	313c		
Cadmium Compounds	N078			***	313		
Cadmium oxide	1306-19-0	100/10,000	100		313c		
Cadmium stearate	2223-93-0	1,000/10,000	1,000		313c		
Calcium arsenate	7778-44-1	500/10,000	1	1	313c		
Calcium arsenite	52740-16-6			1	313c		
Calcium carbide	75-20-7			10			
Calcium chromate	13765-19-0			10	313c	U032	
Calcium cyanamide	156-62-7			1,000	313		
Calcium cyanide	592-01-8			10	313c	P021	
Calcium dodecylbenzenesulfonate	26264-06-2			1,000			
Calcium hypochlorite	7778-54-3			10			
Camphechlor	8001-35-2	500/10,000	1	1	X	P123	
Camphene, octachloro-	8001-35-2	500/10,000	1	1	X	P123	
Cantharidin	56-25-7	100/10,000	100				
Captan	133-06-2			10	313		
Carbachol chloride	51-83-2	500/10,000	500				
Carbamic acid, diethylthio-, S-(p-chlorobenzyl)	28249-77-6				X		
Carbamic acid, ethyl ester	51-79-6			100	X	U238	
Carbamic acid, methyl-, O-(((2,4-dimethyl-1,3-dithiolan-2-yl)methylene)amino)-	26419-73-8	100/10,000	1*	1*		P185	
Carbamodithioic acid, 1,2-ethanediylbis-, manganese complex	12427-38-2				X		
Carbamodithioic acid, 1,2-ethanediylbis-, zinc complex	12122-67-7				X		
Carbamothioic acid, bis(1-methylethyl)-S-(2,3-dichloro-2-propenyl)ester	2303-16-4			100	X	U062	
Carbamothioic acid, dipropyl-, S-(phenylmethyl) ester	52888-80-9			1*		U387	
Carbaryl	63-25-2			100	313	U279	
Carbendazim	10605-21-7			1*		U372	
Carbofuran	1563-66-2	10/10,000	10	10	313	P127	
Carbofuran phenol	1563-38-8			1*		U367	
Carbon disulfide	75-15-0	10,000	100	100	313	P022	20,000
Carbonic difluoride	353-50-4			1,000		U033	

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
Carbonic dichloride	75-44-5	10	10	10	X	P095	500
Carbonochloridic acid, methylester	79-22-1	500	1,000	1,000	X	U156	5,000
Carbonochloridic acid, 1-methylethyl ester	108-23-6	1,000	1,000				15,000
Carbonochloridic acid, propylester	109-61-5	500	500				15,000
Carbon oxide sulfide (COS)	463-58-1			100	X		10,000
Carbon tetrachloride	56-23-5			10	313	U211	
Carbonyl sulfide	463-58-1			100	313		10,000
Carbophenothion	786-19-6	500	500				
Carbosulfan	55285-14-8			1*		P189	
Carboxin	5234-68-4				313		
Catechol	120-80-9			100	313		
CFC-11	75-69-4			5,000	X	U121	
CFC-12	75-71-8			5,000	X	U075	
CFC-114	76-14-2				X		
CFC-115	76-15-3				X		
CFC-13	75-72-9				X		
Chinomethionat	2439-01-2				313		
Chloramben	133-90-4			100	313		
Chlorambucil	305-03-3			10		U035	
Chlordane	57-74-9	1,000	1	1	313^	U036	
Chlordane (Technical Mixture and Metabolites)	0			***			
Chlorendic acid	115-28-6				313		
Chlorfenvinfos	470-90-6	500	500				
Chlorimuron ethyl	90982-32-4				313		
Chlorinated Benzenes	0			***			
Chlorinated Ethanes	0			***			
Chlorinated Naphthalene	0			***			
Chlorinated Phenols	N084			***	313		
Chlorine	7782-50-5	100	10	10	313		2,500
Chlorine dioxide	10049-04-4				313		1,000
Chlorine monoxide	7791-21-1						10,000
Chlorine oxide	7791-21-1						10,000
Chlorine oxide (ClO2)	10049-04-4				X		1,000
Chlormephos	24934-91-6	500	500				
Chlormequat chloride	999-81-5	100/10,000	100				
Chlornaphazine	494-03-1			100		U026	
Chloroacetaldehyde	107-20-0			1,000		P023	
Chloroacetic acid	79-11-8	100/10,000	100	100	313		
2-Chloroacetophenone	532-27-4			100	313		
Chloroalkyl Ethers	0			***			
1-(3-Chloroallyl)-3,5,7-triaza-1-azoniaadamantane chloride	4080-31-3				313		
p-Chloroaniline	106-47-8			1,000	313	P024	
Chlorobenzene	108-90-7			100	313	U037	
Chlorobenzilate	510-15-6			10	313	U038	
2-(4-((6-Chloro-2-benzoxazolylen)oxy)phenoxy)propanoic acid, ethyl ester	66441-23-4				X		
2-Chloro-N-(2-chloroethyl)-N-	51-75-2	10	10		X		

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
methylethanamine							
p-Chloro-m-cresol	59-50-7			5,000		U039	
2,4-D chlorocrotyl ester	2971-38-2			100	313		
Chlorodibromomethane	124-48-1			100			
1-Chloro-1,1-difluoroethane	75-68-3				313		
Chlorodifluoromethane	75-45-6				313		
5-Chloro-3-(1,1-dimethylethyl)-6-methyl-2,4(1H,3H)-pyrimidinedione	5902-51-2				X		
Chloroethane	75-00-3			100	313		10,000
Chloroethanol	107-07-3	500	500				
Chloroethyl chloroformate	627-11-2	1,000	1,000				
6-Chloro-N-ethyl-N'-(1-methylethyl)-1,3,5-triazine-2,4-diamine	1912-24-9				X		
2-Chloroethyl vinyl ether	110-75-8			1,000		U042	
Chloroform	67-66-3	10,000	10	10	313	U044	20,000
Chloromethane	74-87-3			100	313	U045	10,000
2-Chloro-N-(((4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino]carbonyl)benzenesulfonamide	64902-72-3				X		
4-Chloro-5-(methylamino)-2-[3-(trifluoromethyl)phenyl]-3(2H)-pyridazinone	27314-13-2				X		
Chloromethyl ether	542-88-1	100	10	10	X	P016	1,000
4-Chloro-alpha-(1-methylethyl)benzeneacetic acid cyano(3-phenoxyphenyl)methyl ester	51630-58-1				X		
2-Chloro-N-(1-methylethyl)-N-phenylacetamide	1918-16-7				X		
Chloromethyl methyl ether	107-30-2	100	10	10	313	U046	5,000
(4-Chloro-2-methylphenoxy) acetate sodium salt	3653-48-3				X		
(4-Chloro-2-methylphenoxy) acetic acid	94-74-6				X		
3-Chloro-2-methyl-1-propene	563-47-3				313		
2-Chloronaphthalene	91-58-7			5,000		U047	
Chlorophacinone	3691-35-8	100/10,000	100				
2-Chlorophenol	95-57-8			100		U048	
Chlorophenols	N084			***	313		
1-(4-Chlorophenoxy)-3,3-dimethyl-1-(1H-1,2,4-triazol-1-yl)-2-butanone	43121-43-3				X		
.alpha.-(2-Chlorophenyl)-.alpha.-4-chlorophenyl)-5-pyrimidinemethanol	60168-88-9				X		
p-Chlorophenyl isocyanate	104-12-1				313		
4-Chlorophenyl phenyl ether	7005-72-3			5,000			
Chloropicrin	76-06-2				313		
Chloroprene	126-99-8			100	313		
3-Chloropropionitrile	542-76-7	1,000	1,000	1,000	313	P027	
1-Chloropropylene	590-21-6						10,000
2-Chloropropylene	557-98-2						10,000

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
2-(4-((6-Chloro-2-quinoxalinyl)oxy]phenoxy) propanoic acid ethyl ester	76578-14-8				X		
Chlorosulfonic acid	7790-94-5			1,000			
Chlorotetrafluoroethane	63938-10-3				313		
1-Chloro-1,1,2,2-tetrafluoroethane	354-25-6				313		
2-Chloro-1,1,1,2-tetrafluoroethane	2837-89-0				313		
Chlorothalonil	1897-45-6				313		
p-Chloro-o-toluidine	95-69-2				313		
4-Chloro-o-toluidine, hydrochloride	3165-93-3			100		U049	
2-Chloro-6-(trichloromethyl)pyridine	1929-82-4				X		
2-Chloro-1,1,1-trifluoroethane	75-88-7				313		
Chlorotrifluoromethane	75-72-9				313		
5-(2-Chloro-4-(trifluoromethyl)phenoxy)-2-nitrobenzoic acid, sodium salt	62476-59-9				X		
5-(2-Chloro-4-(trifluoromethyl)phenoxy)-N-methylsulfonyl)-2-nitrobenzamide	72178-02-0				X		
5-(2-Chloro-4-(trifluoromethyl)phenoxy)-2-nitro-2-ethoxy-1-methyl-2-oxoethyl ester	77501-63-4				X		
N-(2-Chloro-4-(trifluoromethyl)phenyl)-DL-valine(+)-cyano(3-phenoxyphenyl)methyl ester	69409-94-5				X		
3-Chloro-1,1,1-trifluoropropane	460-35-5				313		
3-(2-Chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropanecarboxylic acid cyano(3-phenoxyphenyl) methyl ester	68085-85-8				X		
Chloroxuron	1982-47-4	500/10,000	500				
Chlorpyrifos	2921-88-2			1			
Chlorpyrifos methyl	5598-13-0				313		
Chlorsulfuron	64902-72-3				313		
Chlorthiophos	21923-23-9	500	500				
Chromic acetate	1066-30-4			1,000	313c		
Chromic acid	7738-94-5			10	313c		
Chromic acid	11115-74-5			10	313c		
Chromic chloride	10025-73-7	1/10,000	1		313c		
Chromic sulfate	10101-53-8			1,000	313c		
Chromium	7440-47-3			5,000	313		
Chromium Compounds	N090			***	313		
Chromous chloride	10049-05-5			1,000	313c		
d-trans-Chrysanthemic acid of d-allethrone	28057-48-9				X		
Chrysene	218-01-9			100	X	U050	
C.I. Acid Green 3	4680-78-8				313		

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
C.I. Acid Red 114	6459-94-5				313		
C.I. Basic Green 4	569-64-2				313		
C.I. Basic Red 1	989-38-8				313		
C.I. Direct Black 38	1937-37-7				313		
C.I. Direct Blue 218	28407-37-6				313		
C.I. Direct Blue 6	2602-46-2				313		
C.I. Direct Brown 95	16071-86-6				313		
C.I. Disperse Yellow 3	2832-40-8				313		
C.I. Food Red 5	3761-53-3				313		
C.I. Food Red 15	81-88-9				313		
C.I. Solvent Orange 7	3118-97-6				313		
C.I. Solvent Yellow 3	97-56-3				313		
C.I. Solvent Yellow 14	842-07-9				313		
C.I. Solvent Yellow 34	492-80-8			100	313	U014	
C.I. Vat Yellow 4	128-66-5				313		
Cobalt	7440-48-4				313		
Cobalt carbonyl	10210-68-1	10/10,000	10		313c		
Cobalt Compounds	N096			***	313		
Cobalt, ((2,2'-(1,2-ethanediylbis(nitrilomethylidyne))bis(6-fluorophenylato))(2-)-N,N',O,O')-	62207-76-5	100/10,000	100		313c		
Cobaltous bromide	7789-43-7			1,000	313c		
Cobaltous formate	544-18-3			1,000	313c		
Cobaltous sulfamate	14017-41-5			1,000	313c		
Coke Oven Emissions	0			1			
Colchicine	64-86-8	10/10,000	10				
Copper	7440-50-8			5,000	313		
Copper Compounds	N100			***	313		
--Except copper phthalocyanine compounds (under 313)	0						
--Except C.I. Pigment Blue 15 (under 313)	0						
--Except C.I. Pigment Green 7 (under 313)	0						
--Except C.I. Pigment Green 36 (under 313)	0						
Copper cyanide	544-92-3			10	313c	P029	
Coumaphos	56-72-4	100/10,000	10	10			
Coumatetralyl	5836-29-3	500/10,000	500				
Creosote	8001-58-9			1	313	U051	
p-Cresidine	120-71-8				313		
m-Cresol	108-39-4			100	313	U052	
o-Cresol	95-48-7	1,000/10,000	100	100	313	U052	
p-Cresol	106-44-5			100	313	U052	
Cresol (mixed isomers)	1319-77-3			100	313	U052	
Crimidine	535-89-7	100/10,000	100				
Crotonaldehyde	4170-30-3	1,000	100	100	313	U053	20,000
Crotonaldehyde, (E)-	123-73-9	1,000	100	100		U053	20,000
Cumene	98-82-8			5,000	313	U055	
Cumene hydroperoxide	80-15-9			10	313	U096	
Cupferron	135-20-6				313		

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
Cupric acetate	142-71-2			100	313c		
Cupric acetoarsenite	12002-03-8	500/10,000	1	1	313c		
Cupric chloride	7447-39-4			10	313c		
Cupric nitrate	3251-23-8			100	313c		
Cupric oxalate	5893-66-3			100	313c		
Cupric sulfate	7758-98-7			10	313c		
Cupric sulfate, ammoniated	10380-29-7			100	313c		
Cupric tartrate	815-82-7			100	313c		
Cyanazine	21725-46-2				313		
Cyanide Compounds	N106			***	313		
Cyanides (soluble salts and complexes)	57-12-5			10	313c	P030	
Cyanogen	460-19-5			100		P031	10,000
Cyanogen bromide	506-68-3	500/10,000	1,000	1,000	313c	U246	
Cyanogen chloride	506-77-4			10	313c	P033	10,000
Cyanogen chloride ((CN)Cl)	506-77-4			10	313c	P033	10,000
Cyanogen iodide	506-78-5	1,000/10,000	1,000		313c		
Cyanophos	2636-26-2	1,000	1,000				
Cyanuric fluoride	675-14-9	100	100		313c		
Cycloate	1134-23-2				313		
2,5-Cyclohexadiene-1,4-dione, 2,3,5-tris(1-aziridinyl)-	68-76-8				X		
Cyclohexanamine	108-91-8	10,000	10,000				15,000
Cyclohexane	110-82-7			1,000	313	U056	
1,4-Cyclohexane diisocyanate	2556-36-7				313#		
Cyclohexane, 1,2,3,4,5,6-hexachloro-,(1.alpha.,2.alpha.,3.beta.,4.alpha.,5.alpha.,6.beta.)-	58-89-9	1,000/10,000	1	1	X	U129	
Cyclohexanol	108-93-0				313		
Cyclohexanone	108-94-1			5,000		U057	
Cycloheximide	66-81-9	100/10,000	100				
Cyclohexylamine	108-91-8	10,000	10,000				15,000
2-Cyclohexyl-4,6-dinitrophenol	131-89-5			100		P034	
Cyclophosphamide	50-18-0			10		U058	
Cyclopropane	75-19-4						10,000
Cyfluthrin	68359-37-5				313		
Cyhalothrin	68085-85-8				313		
2,4-D	94-75-7			100	313	U240	
2,4-D Acid	94-75-7			100	X	U240	
2,4-D butyl ester	94-80-4			100	313		
2,4-D Esters	94-11-1			100	X		
2,4-D Esters	94-79-1			100			
2,4-D Esters	94-80-4			100	X		
2,4-D Esters	1320-18-9			100	X		
2,4-D Esters	1928-38-7			100			
2,4-D Esters	1928-61-6			100			
2,4-D Esters	1929-73-3			100	X		
2,4-D Esters	2971-38-2			100	X		
2,4-D Esters	25168-26-7			100			
2,4-D Esters	53467-11-1			100			
2,4-D isopropyl ester	94-11-1			100	313		
2,4-D propylene glycol butyl	1320-18-9			100	313		

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
ether ester							
2,4-D, salts and esters	94-75-7			100		U240	
Daunomycin	20830-81-3			10		U059	
Dazomet	533-74-4				313		
Dazomet, sodium salt	53404-60-7				313		
2,4-DB	94-82-6				313		
DBCP	96-12-8			1	X	U066	
DDD	72-54-8			1		U060	
DDE	72-55-9			1			
DDE	3547-04-4			5,000			
DDT	50-29-3			1		U061	
DDT and Metabolites	0			***			
Decaborane(14)	17702-41-9	500/10,000	500				
Decabromodiphenyl oxide	1163-19-5				313		
DEF	78-48-8				X		
DEHP	117-81-7			100	X	U028	
Demeton	8065-48-3	500	500				
Demeton-S-methyl	919-86-8	500	500				
Desmedipham	13684-56-5				313		
2,4-D 2-ethylhexyl ester	1928-43-4				313		
2,4-D 2-ethyl-4-methylpentyl ester	53404-37-8				313		
Dialifor	10311-84-9	100/10,000	100				
Diallate	2303-16-4			100	313	U062	
2,4-Diaminoanisole	615-05-4				313		
2,4-Diaminoanisole sulfate	39156-41-7				313		
4,4'-Diaminodiphenyl ether	101-80-4				313		
Diaminotoluene	496-72-0			10		U221	
Diaminotoluene	823-40-5			10		U221	
2,4-Diaminotoluene	95-80-7			10	313		
Diaminotoluene (mixed isomers)	25376-45-8			10	313	U221	
o-Dianisidine dihydrochloride	20325-40-0				X		
o-Dianisidine hydrochloride	111984-09-9				X		
Diazinon	333-41-5			1	313		
Diazomethane	334-88-3			100	313		
Dibenz(a,h)acridine	226-36-8				313+^		
Dibenz(a,j)acridine	224-42-0				313+^		
Dibenz[a,h]anthracene	53-70-3			1	313+^	U063	
7H-Dibenzo(c,g)carbazole	194-59-2				313+^		
Dibenzo(a,e)fluoranthene	5385-75-1				313+^		
Dibenzofuran	132-64-9			100	313		
Dibenzo(a,e)pyrene	192-65-4				313+^		
Dibenzo(a,h)pyrene	189-64-0				313+^		
Dibenzo(a,l)pyrene	191-30-0				313+^		
Dibenz[a,i]pyrene	189-55-9			10	X	U064	
Diborane	19287-45-7	100	100				2,500
Diborane(6)	19287-45-7	100	100				2,500
1,2-Dibromo-3-chloropropane	96-12-8			1	313	U066	
1,2-Dibromoethane	106-93-4			1	313	U067	
3,5-Dibromo-4-hydroxybenzonitrile	1689-84-5				X		

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
2,2-Dibromo-3-nitrilopropionamide	10222-01-2				313s		
Dibromotetrafluoroethane	124-73-2				313		
Dibutyl phthalate	84-74-2			10	313	U069	
Dicamba	1918-00-9			1,000	313		
Dichlobenil	1194-65-6			100			
Dichlone	117-80-6			1			
Dichloran	99-30-9				313		
Dichlorobenzene	25321-22-6			100	X		
o-Dichlorobenzene	95-50-1			100	X	U070	
1,2-Dichlorobenzene	95-50-1			100	313	U070	
1,3-Dichlorobenzene	541-73-1			100	313	U071	
1,4-Dichlorobenzene	106-46-7			100	313	U072	
Dichlorobenzene (mixed isomers)	25321-22-6			100	313		
3,3'-Dichlorobenzidine	91-94-1			1	313	U073	
Dichlorobenzidine	0			***			
3,3'-Dichlorobenzidine dihydrochloride	612-83-9				313		
3,3'-Dichlorobenzidine sulfate	64969-34-2				313		
Dichlorobromomethane	75-27-4			5,000	313		
trans-1,4-Dichloro-2-butene	110-57-6	500	500		313		
trans-1,4-Dichlorobutene	110-57-6	500	500		X		
1,4-Dichloro-2-butene	764-41-0			1	313	U074	
4,6-Dichloro-N-(2-chlorophenyl)-1,3,5-triazin-2-amine	101-05-3				X		
1,2-Dichloro-1,1-difluoroethane	1649-08-7				313		
Dichlorodifluoromethane	75-71-8			5,000	313	U075	
1,1-Dichloroethane	75-34-3			1,000	X	U076	
1,2-Dichloroethane	107-06-2			100	313	U077	
3-(2,2-Dichloroethenyl)-2,2-dimethylcyclopropane carboxylic acid, (3-phenoxy-phenyl)methyl ester	52645-53-1				X		
3-(2,2-Dichloroethenyl)-2,2-dimethylcyclopropanecarboxylic acid, cyano(4-fluoro-3-phenoxyphenyl)methyl ester	68359-37-5				X		
1,1-Dichloroethylene	75-35-4			100	X	U078	10,000
1,2-Dichloroethylene	156-60-5			1,000		U079	
1,2-Dichloroethylene	540-59-0				313		
Dichloroethyl ether	111-44-4	10,000	10	10	X	U025	
1,1-Dichloro-1-fluoroethane	1717-00-6				313		
Dichlorofluoromethane	75-43-4				313		
Dichloroisopropyl ether	108-60-1			1,000	X	U027	
Dichloromethane	75-09-2			1,000	313	U080	
3,6-Dichloro-2-methoxybenzoic acid	1918-00-9			1,000	X		
3,6-Dichloro-2-methoxybenzoic acid, sodium salt	1982-69-0				X		
Dichloromethyl ether	542-88-1	100	10	10	X	P016	1,000
3-(2,4-Dichloro-5-(1-methylethoxy)phenyl)-5-(1,1-	19666-30-9				X		

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
dimethylethyl)-1,3,4-oxadiazol-2(3H)-one							
Dichloromethylphenylsilane	149-74-6	1,000	1,000				
2,6-Dichloro-4-nitroaniline	99-30-9				X		
Dichloropentafluoropropane	127564-92-5				313		
2,2-Dichloro-1,1,1,3,3-pentafluoropropane	128903-21-9				313		
2,3-Dichloro-1,1,1,2,3-pentafluoropropane	422-48-0				313		
1,2-Dichloro-1,1,2,3,3-pentafluoropropane	422-44-6				313		
3,3-Dichloro-1,1,1,2,2-pentafluoropropane	422-56-0				313		
1,3-Dichloro-1,1,2,2,3-pentafluoropropane	507-55-1				313		
1,1-Dichloro-1,2,2,3,3-pentafluoropropane	13474-88-9				313		
1,2-Dichloro-1,1,3,3,3-pentafluoropropane	431-86-7				313		
1,3-Dichloro-1,1,2,3,3-pentafluoropropane	136013-79-1				313		
1,1-Dichloro-1,2,3,3,3-pentafluoropropane	111512-56-2				313		
Dichlorophene	97-23-4				313		
2,4-Dichlorophenol	120-83-2			100	313	U081	
2,6-Dichlorophenol	87-65-0			100		U082	
2-(4-(2,4-Dichlorophenoxy)phenoxy)propanoic acid, methyl ester	51338-27-3				X		
Dichlorophenylarsine	696-28-6	500	1	1		P036	
3-(3,5-Dichlorophenyl)-5-ethenyl-5-methyl-2,4-oxazolidinedione	50471-44-8				X		
2-(3,4-Dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione	20354-26-1				X		
N-(3,4-Dichlorophenyl)propanamide	709-98-8				X		
1-(2-(2,4-Dichlorophenyl)-2-(2-propenyloxy)ethyl)-1H-imidazole	35554-44-0				X		
1-(2-(2,4-Dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl)-methyl-1H-1,2,4,-triazole	60207-90-1				X		
Dichloropropane	26638-19-7			1,000			
Dichloropropane - Dichloropropene (mixture)	8003-19-8			100			
1,1-Dichloropropane	78-99-9			1,000			
1,2-Dichloropropane	78-87-5			1,000	313	U083	
1,3-Dichloropropane	142-28-9			5,000			
Dichloropropene	26952-23-8			100			
1,3-Dichloropropene	542-75-6			100	X	U084	
trans-1,3-Dichloropropene	10061-02-6				313		
2,3-Dichloropropene	78-88-6			100	313		
2,2-Dichloropropionic acid	75-99-0			5,000			

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
1,3-Dichloropropylene	542-75-6			100	313	U084	
Dichlorosilane	4109-96-0						10,000
Dichlorotetrafluoroethane	76-14-2				313		
Dichloro-1,1,2-trifluoroethane	90454-18-5				313		
Dichlorotrifluoroethane	34077-87-7				313		
1,1-Dichloro-1,2,2-trifluoroethane	812-04-4				313		
1,2-Dichloro-1,1,2-trifluoroethane	354-23-4				313		
2,2-Dichloro-1,1,1-trifluoroethane	306-83-2				313		
Dichlorvos	62-73-7	1,000	10	10	313		
Diclofop methyl	51338-27-3				313		
Dicofol	115-32-2			10	313		
Dicrotophos	141-66-2	100	100				
Dicyclopentadiene	77-73-6				313		
Dieldrin	60-57-1			1		P037	
Diepoxybutane	1464-53-5	500	10	10	313	U085	
Diethanolamine	111-42-2			100	313		
Diethatyl ethyl	38727-55-8				313		
Diethylamine	109-89-7			100			
O-(2-(Diethylamino)-6-methyl-4-pyrimidinyl)-O,O-dimethyl phosphorothioate	29232-93-7				X		
N,N-Diethylaniline	91-66-7			1,000			
Diethylarsine	692-42-2			1		P038	
Diethyl chlorophosphate	814-49-3	500	500				
Diethyldiisocyanatobenzene	134190-37-7				313#		
Di(2-ethylhexyl) phthalate	117-81-7			100	313	U028	
O,O-Diethyl S-methyl dithiophosphate	3288-58-2			5,000		U087	
Diethyl-p-nitrophenyl phosphate	311-45-5			100		P041	
Diethyl phthalate	84-66-2			1,000		U088	
O,O-Diethyl O-pyrazinyl phosphorothioate	297-97-2	500	100	100		P040	
Diethylstilbestrol	56-53-1			1		U089	
Diethyl sulfate	64-67-5			10	313		
Diflubenzuron	35367-38-5				313		
Difluoroethane	75-37-6						10,000
Digitoxin	71-63-6	100/10,000	100				
Diglycidyl ether	2238-07-5	1,000	1,000				
Diglycidyl resorcinol ether	101-90-6				313		
Digoxin	20830-75-5	10/10,000	10				
2,3,-Dihydro-5,6-dimethyl-1,4-dithiin 1,1,4,4-tetraoxide	55290-64-7				X		
5,6-Dihydro-2-methyl-N-phenyl-1,4-oxathiin-3-carboxamide	5234-68-4				X		
Dihydrosafrole	94-58-6			10	313	U090	
Diisocyanates (includes only 20 chemicals)	N120				313		
4,4'-Diisocyanatodiphenyl ether	4128-73-8				313#		

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
2,4'-Diisocyanatodiphenyl sulfide	75790-87-3				313#		
Diisopropylfluorophosphate	55-91-4	100	100	100		P043	
Dimefox	115-26-4	500	500				
1,4:5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-(1.alpha.,4.alpha.,4a.beta.,5.alpha.,8.alpha.,8a.beta.)-	309-00-2	500/10,000	1	1	X	P004	
Dimethipin	55290-64-7				313		
Dimethoate	60-51-5	500/10,000	10	10	313	P044	
3,3'-Dimethoxybenzidine	119-90-4			100	313	U091	
3,3'-Dimethoxybenzidine dihydrochloride	20325-40-0				313		
3,3'-Dimethoxybenzidine-4,4'-diisocyanate	91-93-0				313#		
3,3'-Dimethoxybenzidine hydrochloride	111984-09-9				313		
Dimethylamine	124-40-3			1,000	313	U092	10,000
Dimethylamine dicamba	2300-66-5				313		
4-Dimethylaminoazobenzene	60-11-7			10	313	U093	
Dimethylaminoazobenzene	60-11-7			10	X	U093	
N,N-Dimethylaniline	121-69-7			100	313		
7,12-Dimethylbenz[a]anthracene	57-97-6			1	313+^	U094	
3,3'-Dimethylbenzidine	119-93-7			10	313	U095	
3,3'-Dimethylbenzidine dihydrochloride	612-82-8				313		
3,3'-Dimethylbenzidine dihydrofluoride	41766-75-0				313		
2,2-Dimethyl-1,3-benzodioxol-4-ol methylcarbamate	22781-23-3			1*	X	U278	
Dimethylcarbamyl chloride	79-44-7			1	313	U097	
Dimethyl chlorothiophosphate	2524-03-0	500	500		313		
Dimethyldichlorosilane	75-78-5	500	500				5,000
3,3'-Dimethyl-4,4'-diphenylene diisocyanate	91-97-4				313#		
3,3'-Dimethyldiphenylmethane-4,4'-diisocyanate	139-25-3				313#		
N-(5-(1,1-Dimethylethyl)-1,3,4-thiadiazol-2-yl)-N,N'-dimethylurea	34014-18-1				X		
Dimethylformamide	68-12-2			100	X		
N,N-Dimethylformamide	68-12-2			100	313		
1,1-Dimethyl hydrazine	57-14-7	1,000	10	10	313	U098	15,000
Dimethylhydrazine	57-14-7	1,000	10	10	X	U098	15,000
O,O-Dimethyl O-(3-methyl-4-(methylthio) phenyl) ester, phosphorothioic acid	55-38-9				X		
2,2-Dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylic acid (1,3,4,5,6,7-hexahydro-1,3-dioxo-2H-isoindol-2-yl)methyl ester	7696-12-0				X		

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
2,2-Dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylic acid (3-phenoxyphenyl)methyl ester	26002-80-2				X		
2,4-Dimethylphenol	105-67-9			100	313	U101	
Dimethyl-p-phenylenediamine	99-98-9	10/10,000	10				
Dimethyl phosphorochloridothioate	2524-03-0	500	500		X		
Dimethyl phthalate	131-11-3			5,000	313	U102	
2,2-Dimethylpropane	463-82-1						10,000
Dimethyl sulfate	77-78-1	500	100	100	313	U103	
O,O-Dimethyl-O-(3,5,6-trichloro-2-pyridyl)phosphorothioate	5598-13-0				X		
Dimetilan	644-64-4	500/10,000	1*	1*		P191	
Dinitrobenzene (mixed isomers)	25154-54-5			100			
m-Dinitrobenzene	99-65-0			100	313		
o-Dinitrobenzene	528-29-0			100	313		
p-Dinitrobenzene	100-25-4			100	313		
Dinitrobutyl phenol	88-85-7	100/10,000	1,000	1,000	313	P020	
4,6-Dinitro-o-cresol	534-52-1	10/10,000	10	10	313	P047	
Dinitrocresol	534-52-1	10/10,000	10	10	X	P047	
4,6-Dinitro-o-cresol and salts	534-52-1			10		P047	
Dinitrophenol	25550-58-7			10			
2,4-Dinitrophenol	51-28-5			10	313	P048	
2,5-Dinitrophenol	329-71-5			10			
2,6-Dinitrophenol	573-56-8			10			
Dinitrotoluene (mixed isomers)	25321-14-6			10	313		
2,4-Dinitrotoluene	121-14-2			10	313	U105	
2,6-Dinitrotoluene	606-20-2			100	313	U106	
3,4-Dinitrotoluene	610-39-9			10			
Dinocap	39300-45-3				313		
Dinoseb	88-85-7	100/10,000	1,000	1,000	X	P020	
Dinoterb	1420-07-1	500/10,000	500				
Di-n-octyl phthalate	117-84-0			5,000		U107	
n-Dioctylphthalate	117-84-0			5,000		U107	
1,4-Dioxane	123-91-1			100	313	U108	
Dioxathion	78-34-2	500	500				
Dioxin and dioxin-like compounds (includes only 17 chemicals)	N150				313^		
Diphacinone	82-66-6	10/10,000	10				
Diphenamid	957-51-7				313		
Diphenylamine	122-39-4				313		
1,2-Diphenylhydrazine	122-66-7			10	313	U109	
Diphenylhydrazine	0			***			
Diphosphoramide, octamethyl-	152-16-9	100	100	100		P085	
Dipotassium endothall	2164-07-0				313		
Dipropylamine	142-84-7			5,000		U110	
4-(Dipropylamino)-3,5-dinitrobenzenesulfonamide	19044-88-3				X		
Dipropyl isocinchomeronate	136-45-8				313		

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Di-n-propylnitrosamine	621-64-7			10	X	U111	
Diquat	85-00-7			1,000			
Diquat	2764-72-9			1,000			
Disodium cyanodithioimidocarbonate	138-93-2				313		
Disulfoton	298-04-4	500	1	1		P039	
Dithiazanine iodide	514-73-8	500/10,000	500				
Dithiobiuret	541-53-7	100/10,000	100	100	X	P049	
2,4-Dithiobiuret	541-53-7	100/10,000	100	100	313	P049	
Diuron	330-54-1			100	313		
Dodecylbenzenesulfonic acid	27176-87-0			1,000			
Dodecylguanidine monoacetate	2439-10-3				X		
Dodine	2439-10-3				313		
2,4-DP	120-36-5				313		
2,4-D sodium salt	2702-72-9				313		
Emetine, dihydrochloride	316-42-7	1/10,000	1				
alpha - Endosulfan	959-98-8			1			
beta - Endosulfan	33213-65-9			1			
Endosulfan	115-29-7	10/10,000	1	1		P050	
Endosulfan and Metabolites	0			***			
Endosulfan sulfate	1031-07-8			1			
Endothall	145-73-3			1,000		P088	
Endothion	2778-04-3	500/10,000	500				
Endrin	72-20-8	500/10,000	1	1		P051	
Endrin aldehyde	7421-93-4			1			
Endrin and Metabolites	0			***			
Epichlorohydrin	106-89-8	1,000	100	100	313	U041	20,000
Epinephrine	51-43-4			1,000		P042	
EPN	2104-64-5	100/10,000	100				
EPTC	759-94-4				X		
Ergocalciferol	50-14-6	1,000/10,000	1,000				
Ergotamine tartrate	379-79-3	500/10,000	500				
Ethanamine	75-04-7			100			10,000
Ethane	74-84-0						10,000
Ethane, chloro-	75-00-3			100	X		10,000
1,2-Ethanediamine	107-15-3	10,000	5,000	5,000			20,000
Ethane, 1,1-difluoro-	75-37-6						10,000
Ethanedinitrile	460-19-5			100		P031	10,000
Ethane, 1,1'-oxybis-	60-29-7			100		U117	10,000
Ethaneperoxoic acid	79-21-0	500	500		X		10,000
Ethanesulfonyl chloride, 2-chloro-	1622-32-8	500	500				
Ethane, 1,1,1,2-tetrachloro-	630-20-6			100	X	U208	
Ethane, 1,1'-thiobis[2-chloro-	505-60-2	500	500		X		
Ethanethiol	75-08-1						10,000
Ethane, 1,1,2-trichloro-1,2,2,-trifluoro-	76-13-1				X		
Ethanimidothioic acid, 2-(dimethylamino)-N-hydroxy-2-oxo-, methyl ester	30558-43-1			1*		U394	
Ethanimidothioic acid, N-[[methylamino)carbonyl]	16752-77-5	500/10,000	100	100		P066	

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Ethanol, 1,2-dichloro-, acetate	10140-87-1	1,000	1,000				
Ethanol, 2-ethoxy-	110-80-5			1,000	X	U359	
Ethanol, 2,2'-oxybis-, dicarbamate	5952-26-1			1*		U395	
Ethene	74-85-1				X		10,000
Ethene, bromotrifluoro-	598-73-2						10,000
Ethene, chloro-	75-01-4			1	X	U043	10,000
Ethene, chlorotrifluoro-	79-38-9						10,000
Ethene, 1,1-dichloro-	75-35-4			100	X	U078	10,000
Ethene, 1,1-difluoro-	75-38-7						10,000
Ethene, ethoxy-	109-92-2						10,000
Ethene, fluoro-	75-02-5						10,000
Ethene, methoxy-	107-25-5						10,000
Ethene, tetrafluoro-	116-14-3						10,000
Ethion	563-12-2	1,000	10	10			
Ethoprop	13194-48-4	1,000	1,000		313		
Ethoprophos	13194-48-4	1,000	1,000		X		
2-Ethoxyethanol	110-80-5			1,000	313	U359	
2-(1-(Ethoxyimino) butyl)-5-(2-(ethylthio)propyl)-3-hydroxyl-2-cyclohexen-1-one	74051-80-2				X		
2-((Ethoxyl((1-methylethyl)amino]phosphinothioyl]oxy) benzoic acid 1-methylethyl ester	25311-71-1				X		
Ethyl acetate	141-78-6			5,000		U112	
Ethyl acetylene	107-00-6						10,000
Ethyl acrylate	140-88-5			1,000	313	U113	
3-((Ethylamino)methoxyphosphinothioyl)oxy)-2-butenoic acid, 1-methylethyl ester	31218-83-4				X		
Ethylbenzene	100-41-4			1,000	313		
Ethylbis(2-chloroethyl)amine	538-07-8	500	500				
Ethyl carbamate	51-79-6			100	X	U238	
Ethyl chloride	75-00-3			100	X		10,000
Ethyl chloroformate	541-41-3				313		
Ethyl-2-(((((4-chloro-6-methoxyprimidin-2-yl)amino)carbonyl)amino)sulfonyl)benzoate	90982-32-4				X		
Ethyl cyanide	107-12-0	500	10	10		P101	10,000
Ethyl dipropylthiocarbamate	759-94-4				313		
Ethylene	74-85-1				313		10,000
Ethylenebisdithiocarbamic acid, salts and esters	N171				313		
Ethylenebisdithiocarbamic acid, salts & esters	111-54-6			5,000	X	U114	
Ethylenediamine	107-15-3	10,000	5,000	5,000			20,000
Ethylenediamine-tetraacetic acid (EDTA)	60-00-4			5,000			
Ethylene dibromide	106-93-4			1	X	U067	
Ethylene dichloride	107-06-2			100	X	U077	
Ethylene fluorohydrin	371-62-0	10	10				

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Ethylene glycol	107-21-1			5,000	313		
Ethyleneimine	151-56-4	500	1	1	313	P054	10,000
Ethylene oxide	75-21-8	1,000	10	10	313	U115	10,000
Ethylene thiourea	96-45-7			10	313	U116	
Ethyl ether	60-29-7			100		U117	10,000
Ethylidene Dichloride	75-34-3			1,000	313	U076	
Ethyl mercaptan	75-08-1						10,000
Ethyl methacrylate	97-63-2			1,000		U118	
Ethyl methanesulfonate	62-50-0			1		U119	
N-Ethyl-N'-(1-methylethyl)-6-(methylthio)-1,3,5,-triazine-2,4-diamine	834-12-8				X		
O-Ethyl O-(4-(methylthio)phenyl)phosphorodithioic acid S-propyl ester	35400-43-2				X		
Ethyl nitrite	109-95-5						10,000
N-(1-Ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine	40487-42-1				X		
S-(2-(Ethylsulfinyl)ethyl) O,O-dimethyl ester phosphorothioic acid	301-12-2				X		
Ethylthiocyanate	542-90-5	10,000	10,000				
Ethyne	74-86-2						10,000
Famphur	52-85-7			1,000	313	P097	
Fenamiphos	22224-92-6	10/10,000	10				
Fenarimol	60168-88-9				313		
Fenbutatin oxide	13356-08-6				313		
Fenoxaprop ethyl	66441-23-4				313		
Fenoxycarb	72490-01-8				313		
Fenpropathrin	39515-41-8				313		
Fensulfothion	115-90-2	500	500				
Fenthion	55-38-9				313		
Fenvalerate	51630-58-1				313		
Ferbam	14484-64-1				313		
Ferric ammonium citrate	1185-57-5			1,000			
Ferric ammonium oxalate	2944-67-4			1,000			
Ferric ammonium oxalate	55488-87-4			1,000			
Ferric chloride	7705-08-0			1,000			
Ferric fluoride	7783-50-8			100			
Ferric nitrate	10421-48-4			1,000			
Ferric sulfate	10028-22-5			1,000			
Ferrous ammonium sulfate	10045-89-3			1,000			
Ferrous chloride	7758-94-3			100			
Ferrous sulfate	7720-78-7			1,000			
Ferrous sulfate	7782-63-0			1,000			
Fine mineral fibers	0			***			
Fluazifop butyl	69806-50-4				313		
Fluenetil	4301-50-2	100/10,000	100				
Fluometuron	2164-17-2				313		
Fluoranthene	206-44-0			100	X	U120	
Fluorene	86-73-7			5,000			
Fluorine	7782-41-4	500	10	10	313	P056	1,000
Fluoroacetamide	640-19-7	100/10,000	100	100		P057	

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
Fluoroacetic acid	144-49-0	10/10,000	10				
Fluoroacetic acid, sodium salt	62-74-8	10/10,000	10	10	X	P058	
Fluoroacetyl chloride	359-06-8	10	10				
Fluorouracil	51-21-8	500/10,000	500		313		
5-Fluorouracil	51-21-8	500/10,000	500		X		
Fluvalinate	69409-94-5				313		
Folpet	133-07-3				313		
Fomesafen	72178-02-0				313		
Fonofos	944-22-9	500	500				
Formaldehyde	50-00-0	500	100	100	313	U122	15,000
Formaldehyde cyanohydrin	107-16-4	1,000	1,000				
Formaldehyde (solution)	50-00-0	500	100	100	X	U122	15,000
Formetanate hydrochloride	23422-53-9	500/10,000	1*	1*		P198	
Formic acid	64-18-6			5,000	313	U123	
Formic acid, methyl ester	107-31-3						10,000
Formothion	2540-82-1	100	100				
Formparanate	17702-57-7	100/10,000	1*	1*		P197	
Fosthietan	21548-32-3	500	500				
Freon 113	76-13-1				313		
Fuberidazole	3878-19-1	100/10,000	100				
Fumaric acid	110-17-8			5,000			
Furan	110-00-9	500	100	100		U124	5,000
Furan, tetrahydro-	109-99-9			1,000		U213	
Furfural	98-01-1			5,000		U125	
Gallium trichloride	13450-90-3	500/10,000	500				
Glycidylaldehyde	765-34-4			10		U126	
Glycol Ethers	N230			***	313		
Guanidine, N-methyl-N'-nitro-N-nitroso-	70-25-7			10		U163	
Guthion	86-50-0	10/10,000	1	1			
Haloethers	0			***			
Halomethanes	0			***			
Halon 1211	353-59-3				X		
Halon 1301	75-63-8				X		
Halon 2402	124-73-2				X		
HCFC-121	354-14-3				X		
HCFC-121a	354-11-0				X		
HCFC-123	306-83-2				X		
HCFC-123a	354-23-4				X		
HCFC-123b	812-04-4				X		
HCFC-124	2837-89-0				X		
HCFC-124a	354-25-6				X		
HCFC-132b	1649-08-7				X		
HCFC-133a	75-88-7				X		
HCFC-141b	1717-00-6				X		
HCFC-142b	75-68-3				X		
HCFC-21	75-43-4				X		
HCFC-22	75-45-6				X		
HCFC-225aa	128903-21-9				X		
HCFC-225ba	422-48-0				X		
HCFC-225bb	422-44-6				X		
HCFC-225ca	422-56-0				X		

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HCFC-225cb	507-55-1				X		
HCFC-225cc	13474-88-9				X		
HCFC-225da	431-86-7				X		
HCFC-225ea	136013-79-1				X		
HCFC-225eb	111512-56-2				X		
HCFC-253fb	460-35-5				X		
Heptachlor	76-44-8			1	313^	P059	
Heptachlor and Metabolites	0			***			
Heptachlor epoxide	1024-57-3			1			
1,2,3,4,6,7,8-heptachlorodibenzo-p-dioxin	35822-46-9				313!^		
1,2,3,4,6,7,8-heptachlorodibenzofuran	67562-39-4				313!^		
1,2,3,4,7,8,9-heptachlorodibenzofuran	55673-89-7				313!^		
1,4,5,6,7,8,8-Heptachloro-3a,4,7,7a-tetrahydro-4,7-methano-1H-indene	76-44-8			1	X	P059	
Hexachlorobenzene	118-74-1			10	313^	U127	
Hexachloro-1,3-butadiene	87-68-3			1	313	U128	
Hexachlorobutadiene	87-68-3			1	X	U128	
Hexachlorocyclohexane (all isomers)	608-73-1			***			
alpha-Hexachlorocyclohexane	319-84-6			10	313		
Hexachlorocyclohexane (gamma isomer)	58-89-9	1,000/10,000	1	1	X	U129	
Hexachlorocyclopentadiene	77-47-4	100	10	10	313	U130	
1,2,3,4,7,8-hexachlorodibenzo-p-dioxin	39227-28-6				313!^		
1,2,3,6,7,8-hexachlorodibenzo-p-dioxin	57653-85-7				313!^		
1,2,3,7,8,9-hexachlorodibenzo-p-dioxin	19408-74-3				313!^		
1,2,3,4,7,8-hexachlorodibenzofuran	70648-26-9				313!^		
1,2,3,6,7,8-hexachlorodibenzofuran	57117-44-9				313!^		
1,2,3,7,8,9-hexachlorodibenzofuran	72918-21-9				313!^		
2,3,4,6,7,8-hexachlorodibenzofuran	60851-34-5				313!^		
Hexachloroethane	67-72-1			100	313	U131	
Hexachloronaphthalene	1335-87-1				313		
Hexachlorophene	70-30-4			100	313	U132	
Hexachloropropene	1888-71-7			1,000		U243	
Hexaethyl tetraphosphate	757-58-4			100		P062	
Hexakis(2-methyl-2-phenylpropyl)distannoxane	13356-08-6				X		
Hexamethylenediamine, N,N'-dibutyl-	4835-11-4	500	500				
Hexamethylene-1,6-diisocyanate	822-06-0			100	313#		
Hexamethylphosphoramide	680-31-9			1	313		
Hexane	110-54-3			5,000	X		
n-Hexane	110-54-3			5,000	313		

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
Hexazinone	51235-04-2				313		
Hydramethylnon	67485-29-4				313		
Hydrazine	302-01-2	1,000	1	1	313	U133	15,000
Hydrazine, 1,2-diethyl-	1615-80-1			10		U086	
Hydrazine, 1,1-dimethyl-	57-14-7	1,000	10	10	X	U098	15,000
Hydrazine, 1,2-dimethyl-	540-73-8			1		U099	
Hydrazine, 1,2-diphenyl-	122-66-7			10	X	U109	
Hydrazine, methyl-	60-34-4	500	10	10	X	P068	15,000
Hydrazine sulfate	10034-93-2				313		
Hydrazobenzene	122-66-7			10	X	U109	
Hydrochloric acid	7647-01-0			5,000			
Hydrochloric acid (conc 37% or greater)	7647-01-0			5,000			15,000
Hydrochloric acid (aerosol forms only)	7647-01-0			5,000	313		
Hydrocyanic acid	74-90-8	100	10	10	X	P063	2,500
Hydrofluoric acid	7664-39-3	100	100	100	X	U134	
Hydrofluoric acid (conc. 50% or greater)	7664-39-3	100	100	100	X	U134	1,000
Hydrogen	1333-74-0						10,000
Hydrogen chloride (anhydrous)	7647-01-0	500	5,000	5,000	X		5,000
Hydrogen chloride (gas only)	7647-01-0	500	5,000	5,000	X		5,000
Hydrogen cyanide	74-90-8	100	10	10	313	P063	2,500
Hydrogen fluoride	7664-39-3	100	100	100	313	U134	
Hydrogen fluoride (anhydrous)	7664-39-3	100	100	100	X	U134	1,000
Hydrogen peroxide (Conc.> 52%)	7722-84-1	1,000	1,000				
Hydrogen selenide	7783-07-5	10	10		313c		500
Hydrogen sulfide	7783-06-4	500	100	100	313s	U135	10,000
Hydroperoxide, 1-methyl-1-phenylethyl-	80-15-9			10	X	U096	
Hydroquinone	123-31-9	500/10,000	100	100	313		
Imazalil	35554-44-0				313		
Indeno(1,2,3-cd)pyrene	193-39-5			100	313+^	U137	
3-Iodo-2-propynyl butylcarbamate	55406-53-6				313		
Iron carbonyl (Fe(CO)5), (TB-5-11)-	13463-40-6	100	100		X		2,500
Iron, pentacarbonyl-	13463-40-6	100	100		313		2,500
Isobenzan	297-78-9	100/10,000	100				
Isobutane	75-28-5						10,000
Isobutyl alcohol	78-83-1			5,000		U140	
Isobutyraldehyde	78-84-2				313		
Isobutyronitrile	78-82-0	1,000	1,000				20,000
Isocyanic acid, 3,4-dichlorophenyl ester	102-36-3	500/10,000	500				
Isodrin	465-73-6	100/10,000	1	1	313^	P060	
Isofenphos	25311-71-1				313		
Isofluorphate	55-91-4	100	100	100		P043	
1H-Isoindole-1,3(2H)-dione, 3a,4,7,7a-tetrahydro-2-[(trichloromethyl)thio]-	133-06-2			10	X		
Isopentane	78-78-4						10,000
Isophorone	78-59-1			5,000			

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
Isophorone diisocyanate	4098-71-9	500	500		313#		
Isoprene	78-79-5			100			10,000
Isopropanolamine dodecylbenzene sulfonate	42504-46-1			1,000			
Isopropyl alcohol (mfg-strong acid process)	67-63-0				313		
Isopropylamine	75-31-0						10,000
Isopropyl chloride	75-29-6						10,000
Isopropyl chloroformate	108-23-6	1,000	1,000				15,000
4,4'-Isopropylidenediphenol	80-05-7				313		
Isopropylmethylpyrazolyl dimethylcarbamate	119-38-0	500	1*	1*		P192	
Isosafrole	120-58-1			100	313	U141	
Isothiocyanatomethane	556-61-6	500	500		X		
Kepone	143-50-0			1		U142	
Lactofen	77501-63-4				313		
Lactonitrile	78-97-7	1,000	1,000				
Lasiocarpine	303-34-4			10		U143	
Lead	7439-92-1			10	313^		
Lead acetate	301-04-2			10	313c	U144	
Lead arsenate	7645-25-2			1	313c		
Lead arsenate	7784-40-9			1	313c		
Lead arsenate	10102-48-4			1	313c		
Lead chloride	7758-95-4			10	313c		
Lead Compounds	N420			***	313^		
Lead fluoborate	13814-96-5			10	313c		
Lead fluoride	7783-46-2			10	313c		
Lead iodide	10101-63-0			10	313c		
Lead nitrate	10099-74-8			10	313c		
Lead phosphate	7446-27-7			10	313c	U145	
Lead stearate	1072-35-1			10	313c		
Lead stearate	7428-48-0			10	313c		
Lead stearate	52652-59-2			10	313c		
Lead stearate	56189-09-4			10	313c		
Lead subacetate	1335-32-6			10	313c	U146	
Lead sulfate	7446-14-2			10	313c		
Lead sulfate	15739-80-7			10	313c		
Lead sulfide	1314-87-0			10	313c		
Lead thiocyanate	592-87-0			10	313c		
Leptophos	21609-90-5	500/10,000	500				
Lewisite	541-25-3	10	10				
Lindane	58-89-9	1,000/10,000	1	1	313	U129	
Linuron	330-55-2				313		
Lithium carbonate	554-13-2				313		
Lithium chromate	14307-35-8			10	313c		
Lithium hydride	7580-67-8	100	100				
Malathion	121-75-5			100	313		
Maleic acid	110-16-7			5,000			
Maleic anhydride	108-31-6			5,000	313	U147	
Maleic hydrazide	123-33-1			5,000		U148	
Malononitrile	109-77-3	500/10,000	1,000	1,000	313	U149	
Maneb	12427-38-2				313		

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Manganese	7439-96-5				313		
Manganese, bis(dimethylcarbamodithioato-S,S')-	15339-36-3			1*	313c	P196	
Manganese Compounds	N450			***	313		
Manganese, tricarbonyl methylcyclopentadienyl	12108-13-3	100	100		313c		
MBOCA	101-14-4			10	X	U158	
MBT	149-30-4				X		
MCPA	94-74-6				X		
MDI	101-68-8			5,000	X		
Mechlorethamine	51-75-2	10	10		X		
Mecoprop	93-65-2				313		
Melphalan	148-82-3			1		U150	
Mephosfolan	950-10-7	500	500				
2-Mercaptobenzothiazole	149-30-4				313		
Mercaptodimethur	2032-65-7	500/10,000	10	10	X	P199	
Mercuric acetate	1600-27-7	500/10,000	500		313c		
Mercuric chloride	7487-94-7	500/10,000	500		313c		
Mercuric cyanide	592-04-1			1	313c		
Mercuric nitrate	10045-94-0			10	313c		
Mercuric oxide	21908-53-2	500/10,000	500		313c		
Mercuric sulfate	7783-35-9			10	313c		
Mercuric thiocyanate	592-85-8			10	313c		
Mercurous nitrate	7782-86-7			10	313c		
Mercurous nitrate	10415-75-5			10	313c		
Mercury	7439-97-6			1	313^	U151	
Mercury Compounds	N458			***	313^		
Mercury fulminate	628-86-4			10	313c	P065	
Merphos	150-50-5				313		
Methacrolein diacetate	10476-95-6	1,000	1,000				
Methacrylic anhydride	760-93-0	500	500				
Methacrylonitrile	126-98-7	500	1,000	1,000	313	U152	10,000
Methacryloyl chloride	920-46-7	100	100				
Methacryloyloxyethyl isocyanate	30674-80-7	100	100				
Methamidophos	10265-92-6	100/10,000	100				
Metham sodium	137-42-8				313		
Methanamine	74-89-5			100			10,000
Methanamine, N,N-dimethyl-	75-50-3			100			10,000
Methanamine, N-methyl-	124-40-3			1,000	X	U092	10,000
Methanamine, N-methyl-N-nitroso-	62-75-9	1,000	10	10	X	P082	
Methane	74-82-8						10,000
Methane, chloro-	74-87-3			100	X	U045	10,000
Methane, chloromethoxy-	107-30-2	100	10	10	X	U046	5,000
Methane, isocyanato-	624-83-9	500	10	10	X	P064	10,000
Methane, oxybis-	115-10-6						10,000
Methane, oxybis[chloro-	542-88-1	100	10	10	X	P016	1,000
Methanesulfenyl chloride, trichloro-	594-42-3	500	100	100	X		10,000
Methanesulfonyl fluoride	558-25-8	1,000	1,000				
Methane, tetranitro-	509-14-8	500	10	10		P112	10,000

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
Methanethiol	74-93-1	500	100	100	X	U153	10,000
Methane, trichloro-	67-66-3	10,000	10	10	X	U044	20,000
4,7-Methanoindan, 1,2,3,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-	57-74-9	1,000	1	1	X	U036	
Methanol	67-56-1			5,000	313	U154	
Methapyrilene	91-80-5			5,000		U155	
Methazole	20354-26-1				313		
Methidathion	950-37-8	500/10,000	500				
Methiocarb	2032-65-7	500/10,000	10	10	313	P199	
Methomyl	16752-77-5	500/10,000	100	100		P066	
Methoxone	94-74-6				313		
Methoxone sodium salt	3653-48-3				313		
Methoxychlor	72-43-5			1	313^	U247	
2-Methoxyethanol	109-86-4				313		
Methoxyethylmercuric acetate	151-38-2	500/10,000	500		313c		
2-(4-Methoxy-6-methyl-1,3,5-triazin-2-yl)-methylamino)carbonyl)amino)sulfonyl)benzoic acid, methyl ester	101200-48-0				X		
Methyl acrylate	96-33-3				313		
Methyl bromide	74-83-9	1,000	1,000	1,000	X	U029	
2-Methyl-1-butene	563-46-2						10,000
3-Methyl-1-butene	563-45-1						10,000
Methyl chloride	74-87-3			100	X	U045	10,000
Methyl 2-chloroacrylate	80-63-7	500	500				
Methyl chlorocarbonate	79-22-1	500	1,000	1,000	313	U156	5,000
Methyl chloroform	71-55-6			1,000	X	U226	
Methyl chloroformate	79-22-1	500	1,000	1,000	X	U156	5,000
3-Methylcholanthrene	56-49-5			10	313+^	U157	
5-Methylchrysene	3697-24-3				313+^		
4-Methyldiphenylmethane-3,4-diisocyanate	75790-84-0				313#		
6-Methyl-1,3-dithiolo[4,5-b]quinoxalin-2-one	2439-01-2				X		
4,4'-Methylenebis(2-chloroaniline)	101-14-4			10	313	U158	
2,2'-Methylenebis(4-chlorophenol	97-23-4				X		
4,4'-Methylenebis(N,N-dimethyl)benzenamine	101-61-1				313		
1,1'-Methylene bis(4-isocyanatocyclohexane)	5124-30-1				313#		
Methylenebis(phenylisocyanate)	101-68-8			5,000	313#		
Methylene bromide	74-95-3			1,000	313	U068	
Methylene chloride	75-09-2			1,000	X	U080	
4,4'-Methylenedianiline	101-77-9			10	313		
Methyl ether	115-10-6						10,000
Methyl ethyl ketone	78-93-3			5,000	313	U159	
Methyl ethyl ketone (MEK)	78-93-3			5,000	X	U159	
Methyl ethyl ketone peroxide	1338-23-4			10		U160	
Methyl formate	107-31-3						10,000

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
Methyl hydrazine	60-34-4	500	10	10	313	P068	15,000
Methyl iodide	74-88-4			100	313	U138	
Methyl isobutyl ketone	108-10-1			5,000	313	U161	
Methyl isocyanate	624-83-9	500	10	10	313	P064	10,000
Methyl isothiocyanate	556-61-6	500	500		313		
2-Methyllactonitrile	75-86-5	1,000	10	10	313	P069	
Methyl mercaptan	74-93-1	500	100	100	313s	U153	10,000
Methylmercuric dicyanamide	502-39-6	500/10,000	500		313c		
Methyl methacrylate	80-62-6			1,000	313	U162	
N-Methylolacrylamide	924-42-5				313		
Methyl parathion	298-00-0	100/10,000	100	100	313	P071	
Methyl phenkapton	3735-23-7	500	500				
Methyl phosphonic dichloride	676-97-1	100	100				
2-Methylpropene	115-11-7						10,000
2-Methylpyridine	109-06-8			5,000	313	U191	
N-Methyl-2-pyrrolidone	872-50-4				313		
Methyl tert-butyl ether	1634-04-4			1,000	313		
Methyl thiocyanate	556-64-9	10,000	10,000				20,000
Methylthiouracil	56-04-2			10		U164	
Methyltrichlorosilane	75-79-6	500	500				5,000
Methyl vinyl ketone	78-94-4	10	10				
Metiram	9006-42-2				313		
Metolcarb	1129-41-5	100/10,000	1*	1*		P190	
Metribuzin	21087-64-9				313		
Mevinphos	7786-34-7	500	10	10	313		
Mexacarbate	315-18-4	500/10,000	1,000	1,000		P128	
Michler's ketone	90-94-8				313		
Mitomycin C	50-07-7	500/10,000	10	10		U010	
Molinate	2212-67-1				313		
Molybdenum trioxide	1313-27-5				313		
Monochloropentafluoroethane	76-15-3				313		
Monocrotophos	6923-22-4	10/10,000	10				
Monoethylamine	75-04-7			100			10,000
Monomethylamine	74-89-5			100			10,000
Monuron	150-68-5				313		
Muscimol	2763-96-4	500/10,000	1,000	1,000		P007	
Mustard gas	505-60-2	500	500		313		
Myclobutanil	88671-89-0				313		
Nabam	142-59-6				313		
Naled	300-76-5			10	313		
Naphthalene	91-20-3			100	313	U165	
1,5-Naphthalene diisocyanate	3173-72-6				313#		
1-Naphthalenol, methylcarbamate	63-25-2			100	X	U279	
Naphthenic acid	1338-24-5			100			
1,4-Naphthoquinone	130-15-4			5,000		U166	
alpha-Naphthylamine	134-32-7			100	313	U167	
beta-Naphthylamine	91-59-8			10	313	U168	
Nickel	7440-02-0			100	313		
Nickel ammonium sulfate	15699-18-0			100	313c		
Nickel carbonyl	13463-39-3	1	10	10	313c	P073	1,000
Nickel chloride	7718-54-9			100	313c		

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
Nickel chloride	37211-05-5			100	313c		
Nickel Compounds	N495			***	313		
Nickel cyanide	557-19-7			10	313c	P074	
Nickel hydroxide	12054-48-7			10	313c		
Nickel nitrate	14216-75-2			100	313c		
Nickel sulfate	7786-81-4			100	313c		
Nicotine	54-11-5	100	100	100	313c	P075	
Nicotine and salts	54-11-5			100	313c	P075	
Nicotine and salts	N503				313		
Nicotine sulfate	65-30-5	100/10,000	100	100	313c		
Nitrapyrin	1929-82-4				313		
Nitrate compounds (water dissociable)	N511				313		
Nitric acid	7697-37-2	1,000	1,000	1,000	313		
Nitric acid (conc 80% or greater)	7697-37-2	1,000	1,000	1,000	X		15,000
Nitric oxide	10102-43-9	100	10	10		P076	10,000
Nitrilotriacetic acid	139-13-9				313		
p-Nitroaniline	100-01-6			5,000	313	P077	
5-Nitro-o-anisidine	99-59-2				313		
Nitrobenzene	98-95-3	10,000	1,000	1,000	313	U169	
4-Nitrobiphenyl	92-93-3			10	313		
Nitrocyclohexane	1122-60-7	500	500				
Nitrofen	1836-75-5				313		
Nitrogen dioxide	10102-44-0	100	10	10		P078	
Nitrogen dioxide	10544-72-6			10			
Nitrogen mustard	51-75-2	10	10		313		
Nitrogen oxide (NO)	10102-43-9	100	10	10		P076	10,000
Nitroglycerin	55-63-0			10	313	P081	
Nitrophenol (mixed isomers)	25154-55-6			100			
2-Nitrophenol	88-75-5			100	313		
4-Nitrophenol	100-02-7			100	313	U170	
m-Nitrophenol	554-84-7			100			
p-Nitrophenol	100-02-7			100	X	U170	
Nitrophenols	0			***			
2-Nitropropane	79-46-9			10	313	U171	
1-Nitropyrene	5522-43-0				313+^		
Nitrosamines	0			***			
N-Nitrosodi-n-butylamine	924-16-3			10	313	U172	
N-Nitrosodiethanolamine	1116-54-7			1		U173	
N-Nitrosodiethylamine	55-18-5			1	313	U174	
N-Nitrosodimethylamine	62-75-9	1,000	10	10	313	P082	
Nitrosodimethylamine	62-75-9	1,000	10	10	X	P082	
N-Nitrosodiphenylamine	86-30-6			100	313		
p-Nitrosodiphenylamine	156-10-5				313		
N-Nitrosodi-n-propylamine	621-64-7			10	313	U111	
N-Nitroso-N-ethylurea	759-73-9			1	313	U176	
N-Nitroso-N-methylurea	684-93-5			1	313	U177	
N-Nitroso-N-methylurethane	615-53-2			1		U178	
N-Nitrosomethylvinylamine	4549-40-0			10	313	P084	
N-Nitrosomorpholine	59-89-2			1	313		
N-Nitrosonornicotine	16543-55-8				313		

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
N-Nitrosopiperidine	100-75-4			10	313	U179	
N-Nitrosopyrrolidine	930-55-2			1		U180	
Nitrotoluene	1321-12-6			1,000			
m-Nitrotoluene	99-08-1			1,000			
o-Nitrotoluene	88-72-2			1,000			
p-Nitrotoluene	99-99-0			1,000			
5-Nitro-o-toluidine	99-55-8			100	313	U181	
Nitrous acid, ethyl ester	109-95-5						10,000
Norbormide	991-42-4	100/10,000	100				
Norflurazon	27314-13-2				313		
1,2,3,4,6,7,8,9-octachlorodibenzo-p-dioxin	3268-87-9				313!^		
1,2,3,4,6,7,8,9-octachlorodibenzofuran	39001-02-0				313!^		
Octachloronaphthalene	2234-13-1				313		
Octachlorostyrene	29082-74-4				313^		
Octanoic acid, 2,6-dibromo-4-cyanophenyl ester	1689-99-2				X		
Oleum (fuming sulfuric acid)	8014-95-7			1,000			10,000
Organorhodium Complex (PMN-82-147)	0	10/10,000	10	**			
Oryzalin	19044-88-3				313		
Osmium oxide OsO4 (T-4)-	20816-12-0			1,000	X	P087	
Osmium tetroxide	20816-12-0			1,000	313	P087	
Ouabain	630-60-4	100/10,000	100				
7-Oxabicyclo(2.2.1)heptane-2,3-dicarboxylic acid, dipotassium salt	2164-07-0				X		
Oxamyl	23135-22-0	100/10,000	1*	1*		P194	
Oxetane, 3,3-bis(chloromethyl)-	78-71-7	500	500				
Oxirane	75-21-8	1,000	10	10	X	U115	10,000
Oxirane, (chloromethyl)-	106-89-8	1,000	100	100	X	U041	20,000
Oxirane, methyl-	75-56-9	10,000	100	100	X		10,000
Oxydemeton methyl	301-12-2				313		
Oxydiazon	19666-30-9				313		
Oxydisulfoton	2497-07-6	500	500				
Oxyfluorfen	42874-03-3				313		
Ozone	10028-15-6	100	100		313		
Paraformaldehyde	30525-89-4			1,000			
Paraldehyde	123-63-7			1,000	313	U182	
Paraquat dichloride	1910-42-5	10/10,000	10		313		
Paraquat methosulfate	2074-50-2	10/10,000	10				
Parathion	56-38-2	100	10	10	313	P089	
Parathion-methyl	298-00-0	100/10,000	100	100	X	P071	
Paris green	12002-03-8	500/10,000	1	1			
PCBs	1336-36-3			1	X		
PCNB	82-68-8			100	X	U185	
PCP	87-86-5			10	X		
Pebulate	1114-71-2				313		
Pendimethalin	40487-42-1				313^		
Pentaborane	19624-22-7	500	500				
Pentachlorobenzene	608-93-5			10	313^	U183	

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
1,2,3,7,8-pentachlorodibenzo-p-dioxin	40321-76-4				313!^		
1,2,3,7,8-pentachlorodibenzofuran	57117-41-6				313!^		
2,3,4,7,8-pentachlorodibenzofuran	57117-31-4				313!^		
Pentachloroethane	76-01-7			10	313	U184	
Pentachloronitrobenzene	82-68-8			100	X	U185	
Pentachlorophenol	87-86-5			10	313		
Pentadecylamine	2570-26-5	100/10,000	100				
1,3-Pentadiene	504-60-9			100		U186	10,000
Pentane	109-66-0						10,000
1-Pentene	109-67-1						10,000
2-Pentene, (E)-	646-04-8						10,000
2-Pentene, (Z)-	627-20-3						10,000
Pentobarbital sodium	57-33-0				313		
Peracetic acid	79-21-0	500	500		313		10,000
Perchloroethylene	127-18-4			100	X	U210	
Perchloromethyl mercaptan	594-42-3	500	100	100	313		10,000
Permethrin	52645-53-1				313		
Phenacetin	62-44-2			100		U187	
Phenanthrene	85-01-8			5,000	313		
Phenol	108-95-2	500/10,000	1,000	1,000	313	U188	
Phenol, 2-(1-methylethoxy)-, methylcarbamate	114-26-1			100	X	U411	
Phenol, 3-(1-methylethyl)-, methylcarbamate	64-00-6	500/10,000	1*	1*		P202	
Phenol, 2,2'-thiobis[4-chloro-6-methyl-	4418-66-0	100/10,000	100				
Phenothrin	26002-80-2				313		
Phenoxarsine, 10,10'-oxydi-	58-36-6	500/10,000	500				
(2-(4-Phenoxyphenoxy)ethyl carbamic acid ethyl ester	72490-01-8				X		
Phenyl dichloroarsine	696-28-6	500	1	1		P036	
(1,2-Phenylenebis(iminocarbonothioyl)) biscarbamic acid diethyl ester	23564-06-9				X		
1,2-Phenylenediamine	95-54-5				313		
1,3-Phenylenediamine	108-45-2				313		
p-Phenylenediamine	106-50-3			5,000	313		
1,2-Phenylenediamine dihydrochloride	615-28-1				313		
1,4-Phenylenediamine dihydrochloride	624-18-0				313		
1,3-Phenylene diisocyanate	123-61-5				313#		
1,4-Phenylene diisocyanate	104-49-4				313#		
Phenylhydrazine hydrochloride	59-88-1	1,000/10,000	1,000				
Phenylmercuric acetate	62-38-4	500/10,000	100	100	313c	P092	
Phenylmercury acetate	62-38-4	500/10,000	100	100	313c	P092	
5-(Phenylmethyl)-3-furanyl)methyl 2,2-dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxyl	10453-86-8				X		

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
ate							
2-Phenylphenol	90-43-7				313		
Phenylsilatrane	2097-19-0	100/10,000	100				
Phenylthiourea	103-85-5	100/10,000	100	100		P093	
Phenytoin	57-41-0				313		
Phorate	298-02-2	10	10	10		P094	
Phosacetim	4104-14-7	100/10,000	100				
Phosfolan	947-02-4	100/10,000	100				
Phosgene	75-44-5	10	10	10	313	P095	500
Phosphamidon	13171-21-6	100	100				
Phosphine	7803-51-2	500	100	100	313	P096	5,000
Phosphonic acid, (2,2,2-trichloro-1-hydroxyethyl)-,dimethyl ester	52-68-6			100	X		
Phosphonothioic acid, methyl-, O-ethyl O-(4-(methylthio)phenyl) ester	2703-13-1	500	500				
Phosphonothioic acid, methyl-, S-(2-(bis(1-methylethyl)amino)ethyl) O-ethyl ester	50782-69-9	100	100				
Phosphonothioic acid, methyl-, O-(4-nitrophenyl) O-phenyl ester	2665-30-7	500	500				
Phosphoric acid	7664-38-2			5,000			
Phosphoric acid, 2-chloro-1-(2,3,5-trichlorophenyl) ethenyl dimethyl ester	961-11-5				X		
Phosphoric acid, 2-dichloroethenyl dimethyl ester	62-73-7	1,000	10	10	X		
Phosphoric acid, dimethyl 4-(methylthio) phenyl ester	3254-63-5	500	500				
Phosphorodithioic acid O-ethyl S,S-dipropyl ester	13194-48-4	1,000	1,000		X		
Phosphorothioic acid, O,O-diethyl-O-(4-nitrophenyl) ester	56-38-2	100	10	10	X	P089	
Phosphorothioic acid, O,O-dimethyl-5-(2-(methylthio)ethyl)ester	2587-90-8	500	500				
Phosphorous trichloride	7719-12-2	1,000	1,000	1,000			15,000
Phosphorus	7723-14-0	100	1	1			
Phosphorus (yellow or white)	7723-14-0	100	1	1	313		
Phosphorus oxychloride	10025-87-3	500	1,000	1,000			5,000
Phosphorus pentachloride	10026-13-8	500	500				
Phosphorus trichloride	7719-12-2	1,000	1,000	1,000			15,000
Phosphoryl chloride	10025-87-3	500	1,000	1,000			5,000
Phthalate Esters	0			***			
Phthalic anhydride	85-44-9			5,000	313	U190	
Physostigmine	57-47-6	100/10,000	1*	1*		P204	
Physostigmine, salicylate (1:1)	57-64-7	100/10,000	1*	1*		P188	
Picloram	1918-02-1				313		
2-Picoline	109-06-8			5,000	X	U191	
Picric acid	88-89-1				313		

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
Picrotoxin	124-87-8	500/10,000	500				
N,N'-(1,4-Piperazinediylbis(2,2,2-trichloroethylidene)) bisformamide	26644-46-2				X		
Piperidine	110-89-4	1,000	1,000				15,000
Piperonyl butoxide	51-03-6				313		
Pirimifos-ethyl	23505-41-1	1,000	1,000				
Pirimiphos methyl	29232-93-7				313		
Plumbane, tetramethyl-	75-74-1	100	100				10,000
Polybrominated Biphenyls (PBBs)	N575				313		
Polychlorinated alkanes (C10 to C13)	N583				313		
Polychlorinated biphenyls	1336-36-3			1	313^		
Polycyclic aromatic compounds (includes only 19 chemicals)	N590				313^		
Polycyclic organic matter	0			***			
Polymeric diphenylmethane diisocyanate	9016-87-9				313#		
Polynuclear Aromatic Hydrocarbons	0			***			
Potassium arsenate	7784-41-0			1	313c		
Potassium arsenite	10124-50-2	500/10,000	1	1	313c		
Potassium bichromate	7778-50-9			10	313c		
Potassium bromate	7758-01-2				313		
Potassium chromate	7789-00-6			10	313c		
Potassium cyanide	151-50-8	100	10	10	313c	P098	
Potassium dimethyldithiocarbamate	128-03-0				313		
Potassium hydroxide	1310-58-3			1,000			
Potassium N-methyldithiocarbamate	137-41-7				313		
Potassium permanganate	7722-64-7			100	313c		
Potassium silver cyanide	506-61-6	500	1	1	313c	P099	
Profenofos	41198-08-7				313		
Promecarb	2631-37-0	500/10,000	1*	1*		P201	
Prometryn	7287-19-6				313		
Pronamide	23950-58-5			5,000	313	U192	
Propachlor	1918-16-7				313		
1,2-Propadiene	463-49-0						10,000
Propadiene	463-49-0						10,000
2-Propanamine	75-31-0						10,000
Propane	74-98-6						10,000
Propane, 2-chloro-	75-29-6						10,000
Propane 1,2-dichloro-	78-87-5			1,000	X	U083	
Propane, 2,2-dimethyl-	463-82-1						10,000
Propane, 2-methyl	75-28-5						10,000
Propanenitrile	107-12-0	500	10	10		P101	10,000
Propanenitrile, 2-methyl-	78-82-0	1,000	1,000				20,000
1,3-Propane sultone	1120-71-4			10	X	U193	
Propane sultone	1120-71-4			10	313	U193	
Propanil	709-98-8				313		

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Propargite	2312-35-8			10	313		
Propargyl alcohol	107-19-7			1,000	313	P102	
Propargyl bromide	106-96-7	10	10				
2-Propenal	107-02-8	500	1	1	X	P003	5,000
2-Propen-1-amine	107-11-9	500	500		X		10,000
Propene	115-07-1				X		10,000
1-Propene	115-07-1				X		10,000
1-Propene, 1-chloro-	590-21-6						10,000
1-Propene, 2-chloro-	557-98-2						10,000
1-Propene, 2-methyl-	115-11-7						10,000
2-Propenenitrile	107-13-1	10,000	100	100	X	U009	20,000
2-Propenenitrile, 2-methyl-	126-98-7	500	1,000	1,000	X	U152	10,000
2-Propen-1-ol	107-18-6	1,000	100	100	X	P005	15,000
2-Propenoyl chloride	814-68-6	100	100				5,000
Propetamphos	31218-83-4				313		
Propham	122-42-9			1*		U373	
Propiconazole	60207-90-1				313		
beta-Propiolactone	57-57-8	500	10	10	313		
Propionaldehyde	123-38-6			1,000	313		
Propionic acid	79-09-4			5,000			
Propionic anhydride	123-62-6			5,000			
Propionitrile	107-12-0	500	10	10		P101	10,000
Propionitrile, 3-chloro-	542-76-7	1,000	1,000	1,000	X	P027	
Propiophenone, 4'-amino	70-69-9	100/10,000	100				
Propoxur	114-26-1			100	313	U411	
n-Propylamine	107-10-8			5,000		U194	
Propyl chloroformate	109-61-5	500	500				15,000
Propylene	115-07-1				313		10,000
Propyleneimine	75-55-8	10,000	1	1	313	P067	10,000
Propylene oxide	75-56-9	10,000	100	100	313		10,000
1-Propyne	74-99-7						10,000
Propyne	74-99-7						10,000
Prothoate	2275-18-5	100/10,000	100				
Pyrene	129-00-0	1,000/10,000	5,000	5,000			
Pyrethrins	121-21-1			1			
Pyrethrins	121-29-9			1			
Pyrethrins	8003-34-7			1			
Pyridine	110-86-1			1,000	313	U196	
Pyridine, 4-amino-	504-24-5	500/10,000	1,000	1,000		P008	
Pyridine, 3-(1-methyl-2-pyrrolidinyl)-,(S)-	54-11-5	100	100	100		P075	
Pyridine, 2-methyl-5-vinyl-	140-76-1	500	500				
Pyridine, 4-nitro-, 1-oxide	1124-33-0	500/10,000	500				
2,4-(1H,3H)-Pyrimidinedione, 5-bromo-6-methyl-3-(1-methylpropyl), lithium salt	53404-19-6				X		
Pyriminil	53558-25-1	100/10,000	100				
Quinoline	91-22-5			5,000	313		
Quinone	106-51-4			10	313	U197	
Quintozene	82-68-8			100	313	U185	
Quizalofop-ethyl	76578-14-8				313		
Reserpine	50-55-5			5,000		U200	

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Resmethrin	10453-86-8				313		
Resorcinol	108-46-3			5,000		U201	
Saccharin (manufacturing)	81-07-2			100	313	U202	
Saccharin and salts	81-07-2			100		U202	
Safrole	94-59-7			100	313	U203	
Salcomine	14167-18-1	500/10,000	500				
Sarin	107-44-8	10	10				
Selenious acid	7783-00-8	1,000/10,000	10	10	313c	U204	
Selenious acid, dithallium(1+) salt	12039-52-0			1,000	313c	P114	
Selenium	7782-49-2			100	313		
Selenium Compounds	N725			***	313		
Selenium dioxide	7446-08-4			10	313c		
Selenium oxychloride	7791-23-3	500	500		313c		
Selenium sulfide	7488-56-4			10	313c	U205	
Selenourea	630-10-4			1,000		P103	
Semicarbazide hydrochloride	563-41-7	1,000/10,000	1,000				
Sethoxydim	74051-80-2				313		
Silane	7803-62-5						10,000
Silane, (4-aminobutyl)diethoxymethyl-	3037-72-7	1,000	1,000				
Silane, chlorotrimethyl-	75-77-4	1,000	1,000				10,000
Silane, dichloro-	4109-96-0						10,000
Silane, dichlorodimethyl-	75-78-5	500	500				5,000
Silane, tetramethyl-	75-76-3						10,000
Silane, trichloro-	10025-78-2						10,000
Silane, trichloromethyl-	75-79-6	500	500				5,000
Silver	7440-22-4			1,000	313		
Silver Compounds	N740			***	313		
Silver cyanide	506-64-9			1	313c	P104	
Silver nitrate	7761-88-8			1	313c		
Silvex (2,4,5-TP)	93-72-1			100			
Simazine	122-34-9				313		
Sodium	7440-23-5			10			
Sodium arsenate	7631-89-2	1,000/10,000	1	1	313c		
Sodium arsenite	7784-46-5	500/10,000	1	1	313c		
Sodium azide (Na(N3))	26628-22-8	500	1,000	1,000	313	P105	
Sodium bichromate	10588-01-9			10	313c		
Sodium bifluoride	1333-83-1			100			
Sodium bisulfite	7631-90-5			5,000			
Sodium cacodylate	124-65-2	100/10,000	100				
Sodium chromate	7775-11-3			10	313c		
Sodium cyanide (Na(CN))	143-33-9	100	10	10	313c	P106	
Sodium dicamba	1982-69-0				313		
Sodium dimethyldithiocarbamate	128-04-1				313		
Sodium dodecylbenzenesulfonate	25155-30-0			1,000			
Sodium fluoride	7681-49-4			1,000			
Sodium fluoroacetate	62-74-8	10/10,000	10	10	313	P058	
Sodium hydrosulfide	16721-80-5			5,000			
Sodium hydroxide	1310-73-2			1,000			
Sodium hypochlorite	7681-52-9			100			

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Sodium hypochlorite	10022-70-5			100			
Sodium methylate	124-41-4			1,000			
Sodium methyldithiocarbamate	137-42-8				X		
Sodium nitrite	7632-00-0			100	313		
Sodium pentachlorophenate	131-52-2				313		
Sodium o-phenylphenoxide	132-27-4				313		
Sodium phosphate, dibasic	7558-79-4			5,000			
Sodium phosphate, dibasic	10039-32-4			5,000			
Sodium phosphate, dibasic	10140-65-5			5,000			
Sodium phosphate, tribasic	7601-54-9			5,000			
Sodium phosphate, tribasic	7758-29-4			5,000			
Sodium phosphate, tribasic	7785-84-4			5,000			
Sodium phosphate, tribasic	10101-89-0			5,000			
Sodium phosphate, tribasic	10124-56-8			5,000			
Sodium phosphate, tribasic	10361-89-4			5,000			
Sodium selenate	13410-01-0	100/10,000	100		313c		
Sodium selenite	7782-82-3			100	313c		
Sodium selenite	10102-18-8	100/10,000	100	100	313c		
Sodium tellurite	10102-20-2	500/10,000	500				
Stannane, acetoxytriphenyl-	900-95-8	500/10,000	500				
Streptozotocin	18883-66-4			1		U206	
Strontium chromate	7789-06-2			10	313c		
Strychnine	57-24-9	100/10,000	10	10	313c	P108	
Strychnine and salts	N746				313		
Strychnine, and salts	57-24-9			10	313c	P108	
Strychnine, sulfate	60-41-3	100/10,000	10	10	313c		
Styrene	100-42-5			1,000	313		
Styrene oxide	96-09-3			100	313		
Sulfotep	3689-24-5	500	100	100		P109	
Sulfoxide, 3-chloropropyl octyl	3569-57-1	500	500				
Sulfur dioxide	7446-09-5	500	500				
Sulfur dioxide (anhydrous)	7446-09-5	500	500				5,000
Sulfur fluoride (SF4), (T-4)-	7783-60-0	100	100				2,500
Sulfuric acid	7664-93-9	1,000	1,000	1,000			
Sulfuric acid (aerosol forms only)	7664-93-9	1,000	1,000	1,000	313		
Sulfuric acid (fuming)	8014-95-7			1,000			10,000
Sulfuric acid, mixture with sulfur trioxide	8014-95-7			1,000			10,000
Sulfur monochloride	12771-08-3			1,000			
Sulfur phosphide	1314-80-3			100		U189	
Sulfur tetrafluoride	7783-60-0	100	100				2,500
Sulfur trioxide	7446-11-9	100	100				10,000
Sulfuryl fluoride	2699-79-8				313		
Sulprofos	35400-43-2				313		
2,4,5-T acid	93-76-5			1,000			
2,4,5-T amines	1319-72-8			5,000			
2,4,5-T amines	2008-46-0			5,000			
2,4,5-T amines	3813-14-7			5,000			
2,4,5-T amines	6369-96-6			5,000			
2,4,5-T amines	6369-97-7			5,000			
2,4,5-T esters	93-79-8			1,000			

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2,4,5-T esters	1928-47-8			1,000			
2,4,5-T esters	2545-59-7			1,000			
2,4,5-T esters	25168-15-4			1,000			
2,4,5-T esters	61792-07-2			1,000			
2,4,5-T salts	13560-99-1			1,000			
Tabun	77-81-6	10	10				
Tebuthiuron	34014-18-1				313		
Tellurium hexafluoride	7783-80-4	100	100				
Temephos	3383-96-8				313		
TEPP	107-49-3	100	10	10		P111	
Terbacil	5902-51-2				313		
Terbufos	13071-79-9	100	100				
Tetrabromobisphenol A	79-94-7				313^		
1,2,4,5-Tetrachlorobenzene	95-94-3			5,000		U207	
2,3,7,8-tetrachlorodibenzofuran	51207-31-9				313!^		
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	1746-01-6			1	313!^		
1,1,1,2-Tetrachloroethane	630-20-6			100	313	U208	
1,1,2,2-Tetrachloroethane	79-34-5			100	313	U209	
Tetrachloroethylene	127-18-4			100	313	U210	
1,1,2,2-Tetrachloro-1-fluoroethane	354-14-3				313		
1,1,1,2-Tetrachloro-2-fluoroethane	354-11-0				313		
2,3,4,6-Tetrachlorophenol	58-90-2			10	313c		
Tetrachlorvinphos	961-11-5				313		
Tetracycline hydrochloride	64-75-5				313		
Tetraethyldithiopyrophosphate	3689-24-5	500	100	100		P109	
Tetraethyl lead	78-00-2	100	10	10	313c	P110	
Tetraethyl pyrophosphate	107-49-3	100	10	10		P111	
Tetraethyltin	597-64-8	100	100				
Tetrafluoroethylene	116-14-3						10,000
Tetrahydro-5,5-dimethyl-2(1H)-pyrimidinone(3-(4-(trifluoromethyl)phenyl)-1-(2-(4-(trifluoromethyl)phenyl)ethenyl)-2-propenylidene)hydrazone	67485-29-4				X		
Tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione	533-74-4				X		
Tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione, ion(1-), sodium	53404-60-7				X		
Tetramethrin	7696-12-0				313		
2,2,3,3-Tetramethylcyclopropane carboxylic acid cyano(3-phenoxyphenyl)methyl ester	39515-41-8				X		
Tetramethyllead	75-74-1	100	100		313c		10,000
Tetramethylsilane	75-76-3						10,000
Tetranitromethane	509-14-8	500	10	10		P112	10,000
Thallic oxide	1314-32-5			100	313c	P113	
Thallium	7440-28-0			1,000	313		
Thallium(I) acetate	563-68-8			100	313c	U214	

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Thallium(I) carbonate	6533-73-9	100/10,000	100	100	313c	U215	
Thallium chloride TICl	7791-12-0	100/10,000	100	100	313c	U216	
Thallium Compounds	N760			***	313		
Thallium(I) nitrate	10102-45-1			100	313c	U217	
Thallium sulfate	10031-59-1	100/10,000	100	100	313c		
Thallium(I) sulfate	7446-18-6	100/10,000	100	100	313c	P115	
Thallous carbonate	6533-73-9	100/10,000	100	100	313c	U215	
Thallous chloride	7791-12-0	100/10,000	100	100	313c	U216	
Thallous malonate	2757-18-8	100/10,000	100				
Thallous sulfate	7446-18-6	100/10,000	100	100	313c	P115	
Thiabendazole	148-79-8				313		
2-(4-Thiazolyl)-1H-benzimidazole	148-79-8				X		
Thioacetamide	62-55-5			10	313	U218	
Thiobencarb	28249-77-6				313		
Thiocarbazide	2231-57-4	1,000/10,000	1,000				
Thiocyanic acid, methyl ester	556-64-9	10,000	10,000				20,000
4,4'-Thiodianiline	139-65-1				313		
Thiodicarb	59669-26-0			1*	313	U410	
Thiofanox	39196-18-4	100/10,000	100	100		P045	
Thiomethanol	74-93-1	500	100	100	X	U153	10,000
Thionazin	297-97-2	500	100	100		P040	
Thiophanate ethyl	23564-06-9				313		
Thiophanate-methyl	23564-05-8			1*	313	U409	
Thiophenol	108-98-5	500	100	100		P014	
Thiosemicarbazide	79-19-6	100/10,000	100	100	313	P116	
Thiourea	62-56-6			10	313	U219	
Thiourea, (2-chlorophenyl)-	5344-82-1	100/10,000	100	100		P026	
Thiourea, (2-methylphenyl)-	614-78-8	500/10,000	500				
Thiourea, 1-naphthalenyl-	86-88-4	500/10,000	100	100		P072	
Thiram	137-26-8			10	313	U244	
Thorium dioxide	1314-20-1				313		
Titanium chloride (TiCl4) (T-4)-	7550-45-0	100	1,000	1,000	X		2,500
Titanium tetrachloride	7550-45-0	100	1,000	1,000	313		2,500
o-Tolidine	119-93-7			10	X	U095	
o-Tolidine dihydrochloride	612-82-8				X		
o-Tolidine dihydrofluoride	41766-75-0				X		
Toluene	108-88-3			1,000	313	U220	
Toluenediamine	25376-45-8			10	X	U221	
Toluene-2,4-diisocyanate	584-84-9	500	100	100	313		10,000
Toluene-2,6-diisocyanate	91-08-7	100	100	100	313		10,000
Toluenediisocyanate (mixed isomers)	26471-62-5			100	313	U223	10,000
Toluene diisocyanate (unspecified isomer)	26471-62-5			100	X	U223	10,000
o-Toluidine	95-53-4			100	313	U328	
p-Toluidine	106-49-0			100		U353	
o-Toluidine hydrochloride	636-21-5			100	313	U222	
Toxaphene	8001-35-2	500/10,000	1	1	313^	P123	
2,4,5-TP esters	32534-95-5			100			
Triadimefon	43121-43-3				313		
Triallate	2303-17-5			1*	313	U389	

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Triamiphos	1031-47-6	500/10,000	500				
Triaziquone	68-76-8				313		
Triazofos	24017-47-8	500	500				
Tribenuron methyl	101200-48-0				313		
Tribromomethane	75-25-2			100	X	U225	
Tributyltin fluoride	1983-10-4				313		
Tributyltin methacrylate	2155-70-6				313		
S,S,S-Tributyltrithiophosphate	78-48-8				313		
Trichlorfon	52-68-6			100	313		
Trichloroacetyl chloride	76-02-8	500	500		313		
1,2,4-Trichlorobenzene	120-82-1			100	313		
Trichloro(chloromethyl)silane	1558-25-4	100	100				
Trichloro(dichlorophenyl)silane	27137-85-5	500	500				
1,1,1-Trichloroethane	71-55-6			1,000	313	U226	
1,1,2-Trichloroethane	79-00-5			100	313	U227	
Trichloroethylene	79-01-6			100	313	U228	
Trichloroethylsilane	115-21-9	500	500				
Trichlorofluoromethane	75-69-4			5,000	313	U121	
Trichloromethanesulfenyl chloride	594-42-3	500	100	100	X		10,000
Trichloromonofluoromethane	75-69-4			5,000	X	U121	
Trichloronate	327-98-0	500	500				
Trichlorophenol	25167-82-2			10	313c		
2,3,4-Trichlorophenol	15950-66-0			10	313c		
2,3,5-Trichlorophenol	933-78-8			10	313c		
2,3,6-Trichlorophenol	933-75-5			10	313c		
2,4,5-Trichlorophenol	95-95-4			10	313		
2,4,6-Trichlorophenol	88-06-2			10	313		
3,4,5-Trichlorophenol	609-19-8			10			
Trichlorophenylsilane	98-13-5	500	500				
1,2,3-Trichloropropane	96-18-4				313		
Trichlorosilane	10025-78-2						10,000
Triclopyr triethylammonium salt	57213-69-1				313		
Triethanolamine dodecylbenzene sulfonate	27323-41-7			1,000			
Triethoxysilane	998-30-1	500	500				
Triethylamine	121-44-8			5,000	313	U404	
Trifluorochloroethylene	79-38-9						10,000
2-(4-((5-(Trifluoromethyl)-2-pyridinyl)oxy)-phenoxy)propanoic acid, butyl ester	69806-50-4				X		
Trifluralin	1582-09-8			10	313^		
Triforine	26644-46-2				313		
Trimethylamine	75-50-3			100			10,000
1,2,4-Trimethylbenzene	95-63-6				313		
Trimethylchlorosilane	75-77-4	1,000	1,000				10,000
2,2,4-Trimethylhexamethylene diisocyanate	16938-22-0				313#		
2,4,4-Trimethylhexamethylene diisocyanate	15646-96-5				313#		
Trimethylolpropane phosphite	824-11-3	100/10,000	100				
2,2,4-Trimethylpentane	540-84-1			1,000			

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2,3,5-Trimethylphenyl methylcarbamate	2655-15-4				313		
Trimethyltin chloride	1066-45-1	500/10,000	500				
1,3,5-Trinitrobenzene	99-35-4			10		U234	
Triphenyltin chloride	639-58-7	500/10,000	500		313		
Triphenyltin hydroxide	76-87-9				313		
Tris(2-chloroethyl)amine	555-77-1	100	100				
Tris(2,3-dibromopropyl) phosphate	126-72-7			10	313	U235	
Tris(dimethylcarbamodithioato-S,S')iron	14484-64-1				X		
Trypan blue	72-57-1			10	313	U236	
Uracil mustard	66-75-1			10		U237	
Uranyl acetate	541-09-3			100			
Uranyl nitrate	10102-06-4			100			
Uranyl nitrate	36478-76-9			100			
Urea, N,N-dimethyl-N'-[3-(trifluoromethyl)phenyl]-	2164-17-2				X		
Urethane	51-79-6			100	313	U238	
Valinomycin	2001-95-8	1,000/10,000	1,000				
Vandium (except when contained in an alloy)	7440-62-2				313		
Vanadium pentoxide	1314-62-1	100/10,000	1,000	1,000	313c	P120	
Vanadyl sulfate	27774-13-6			1,000	313c		
Vandium Compounds	N770				313		
Vikane	2699-79-8				X		
Vinclozolin	50471-44-8				313		
Vinyl acetate	108-05-4	1,000	5,000	5,000	313		15,000
Vinyl acetate monomer	108-05-4	1,000	5,000	5,000	X		15,000
Vinyl acetylene	689-97-4						10,000
Vinyl bromide	593-60-2			100	313		
Vinyl chloride	75-01-4			1	313	U043	10,000
Vinyl ethyl ether	109-92-2						10,000
Vinyl fluoride	75-02-5						10,000
Vinylidene chloride	75-35-4			100	313	U078	10,000
Vinylidene fluoride	75-38-7						10,000
Vinyl methyl ether	107-25-5						10,000
Warfarin	81-81-2	500/10,000	100	100	X 313c	P001	
Warfarin and salts	N874				313		
Warfarin, & salts, conc.>0.3%	81-81-2			100	X 313c	P001	
Warfarin sodium	129-06-6	100/10,000	100	100	313c		
m-Xylene	108-38-3			1,000	313	U239	
o-Xylene	95-47-6			1,000	313	U239	
p-Xylene	106-42-3			100	313	U239	
Xylene (mixed isomers)	1330-20-7			100	313	U239	
Xylenol	1300-71-6			1,000			
2,6-Xylidine	87-62-7				313		
Xylylene dichloride	28347-13-9	100/10,000	100				
Zinc	7440-66-6			1,000			
Zinc (fume or dust)	7440-66-6			1,000	313		
Zinc acetate	557-34-6			1,000	313c		
Zinc ammonium chloride	14639-97-5			1,000	313c		
Zinc ammonium chloride	14639-98-6			1,000	313c		

NAME	CAS/ 313 Category Codes	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	RCRA CODE	CAA 112(r) TQ
Zinc ammonium chloride	52628-25-8			1,000	313c		
Zinc borate	1332-07-6			1,000	313c		
Zinc bromide	7699-45-8			1,000	313c		
Zinc carbonate	3486-35-9			1,000	313c		
Zinc chloride	7646-85-7			1,000	313c		
Zinc Compounds	N982			***	313		
Zinc cyanide	557-21-1			10	313c	P121	
Zinc, dichloro(4,4-dimethyl-5((((methylamino)carbonyl)oxy)imino)pentanenitrile)-, (T-4)-	58270-08-9	100/10,000	100		313c		
Zinc fluoride	7783-49-5			1,000	313c		
Zinc formate	557-41-5			1,000	313c		
Zinc hydrosulfite	7779-86-4			1,000	313c		
Zinc nitrate	7779-88-6			1,000	313c		
Zinc phenolsulfonate	127-82-2			5,000	313c		
Zinc phosphide	1314-84-7	500	100	100	313c	P122	
Zinc phosphide (conc. <= 10%)	1314-84-7	500	100	100	313c	U249	
Zinc phosphide (conc. > 10%)	1314-84-7	500	100	100	313c	P122	
Zinc silicofluoride	16871-71-9			5,000	313c		
Zinc sulfate	7733-02-0			1,000	313c		
Zineb	12122-67-7				313		
Ziram	137-30-4			1*		P205	
Zirconium nitrate	13746-89-9			5,000			
Zirconium potassium fluoride	16923-95-8			1,000			
Zirconium sulfate	14644-61-2			5,000			
Zirconium tetrachloride	10026-11-6			5,000			

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Radionuclide Name	Atomic Number	RQ (curies)	Radionuclide Name	Atomic Number	RQ (curies)
Radionuclides (unlisted)		1	Barium-128	56	10
Actinium-224	89	100	Barium-131	56	10
Actinium-225	89	1	Barium-131m	56	1000
Actinium-226	89	10	Barium-133	56	10
Actinium-227	89	0.001	Barium-133m	56	100
Actinium-228	89	10	Barium-135m	56	1000
Aluminum-026	13	10	Barium-139	56	1000
Americium-237	95	1000	Barium-140	56	10
Americium-238	95	100	Barium-141	56	1000
Americium-239	95	100	Barium-142	56	1000
Americium-240	95	10	Berkelium-245	97	100
Americium-241	95	0.01	Berkelium-246	97	10
Americium-242	95	100	Berkelium-247	97	0.01
Americium-242m	95	0.01	Berkelium-249	97	1
Americium-243	95	0.01	Berkelium-250	97	100
Americium-244	95	10	Beryllium-007	4	100
Americium-244m	95	1000	Beryllium-010	4	1
Americium-245	95	1000	Bismuth-200	83	100
Americium-246	95	1000	Bismuth-201	83	100
Americium-246m	95	1000	Bismuth-202	83	1000
Antimony-115	51	1000	Bismuth-203	83	10
Antimony-116	51	1000	Bismuth-205	83	10
Antimony-116m	51	100	Bismuth-206	83	10
Antimony-117	51	1000	Bismuth-207	83	10
Antimony-118m	51	10	Bismuth-210	83	10
Antimony-119	51	1000	Bismuth-210m	83	0.1
Antimony-120 (16 min)	51	1000	Bismuth-212	83	100
Antimony-120 (5.76 day)	51	10	Bismuth-213	83	100
Antimony-122	51	10	Bismuth-214	83	100
Antimony-124	51	10	Bromine-074	35	100
Antimony-124m	51	1000	Bromine-074m	35	100
Antimony-125	51	10	Bromine-075	35	100
Antimony-126	51	10	Bromine-076	35	10
Antimony-126m	51	1000	Bromine-077	35	100
Antimony-127	51	10	Bromine-080	35	1000
Antimony-128 (10.4 min)	51	1000	Bromine-080m	35	1000
Antimony-128 (9.01 hours)	51	10	Bromine-082	35	10
Antimony-129	51	100	Bromine-083	35	1000
Antimony-130	51	100	Bromine-084	35	100
Antimony-131	51	1000	Cadmium-104	48	1000
Argon-039	18	1000	Cadmium-107	48	1000
Argon-041	18	10	Cadmium-109	48	1
Arsenic-069	33	1000	Cadmium-113	48	0.1
Arsenic-070	33	100	Cadmium-113m	48	0.1
Arsenic-071	33	100	Cadmium-115	48	100
Arsenic-072	33	10	Cadmium-115m	48	10
Arsenic-073	33	100	Cadmium-117	48	100
Arsenic-074	33	10	Cadmium-117m	48	10
Arsenic-076	33	100	Calcium-041	20	10
Arsenic-077	33	1000	Calcium-045	20	10
Arsenic-078	33	100	Calcium-047	20	10
Astatine-207	85	100	Californium-244	98	1000
Astatine-211	85	100	Californium-246	98	10
Barium-126	56	1000	Californium-248	98	0.1

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Radionuclide Name	Atomic Number	RQ (curies)	Radionuclide Name	Atomic Number	RQ (curies)
Californium-249	98	0.01	Curium-245	96	0.01
Californium-250	98	0.01	Curium-246	96	0.01
Californium-251	98	0.01	Curium-247	96	0.01
Californium-252	98	0.1	Curium-248	96	0.001
Californium-253	98	10	Curium-249	96	1000
Californium-254	98	0.1	Dysprosium-155	66	100
Carbon-011	6	1000	Dysprosium-157	66	100
Carbon-014	6	10	Dysprosium-159	66	100
Cerium-134	58	10	Dysprosium-165	66	1000
Cerium-135	58	10	Dysprosium-166	66	10
Cerium-137	58	1000	Einsteinium-250	99	10
Cerium-137m	58	100	Einsteinium-251	99	1000
Cerium-139	58	100	Einsteinium-253	99	10
Cerium-141	58	10	Einsteinium-254	99	0.1
Cerium-143	58	100	Einsteinium-254m	99	1
Cerium-144	58	1	Erbium-161	68	100
Cesium-125	55	1000	Erbium-165	68	1000
Cesium-127	55	100	Erbium-169	68	100
Cesium-129	55	100	Erbium-171	68	100
Cesium-130	55	1000	Erbium-172	68	10
Cesium-131	55	1000	Europium-145	63	10
Cesium-132	55	10	Europium-146	63	10
Cesium-134	55	1	Europium-147	63	10
Cesium-134m	55	1000	Europium-148	63	10
Cesium-135	55	10	Europium-149	63	100
Cesium-135m	55	100	Europium-150 (12.6 hours)	63	1000
Cesium-136	55	10	Europium-150 (34.2 yr)	63	10
Cesium-137	55	1	Europium-152	63	10
Cesium-138	55	100	Europium-152m	63	100
Chlorine-036	17	10	Europium-154	63	10
Chlorine-038	17	100	Europium-155	63	10
Chlorine-039	17	100	Europium-156	63	10
Chromium-048	24	100	Europium-157	63	10
Chromium-049	24	1000	Europium-158	63	1000
Chromium-051	24	1000	Fermium-252	100	10
Cobalt-055	27	10	Fermium-253	100	10
Cobalt-056	27	10	Fermium-254	100	100
Cobalt-057	27	100	Fermium-255	100	100
Cobalt-058	27	10	Fermium-257	100	1
Cobalt-058m	27	1000	Fluorine-018	9	1000
Cobalt-060	27	10	Francium-222	87	100
Cobalt-060m	27	1000	Francium-223	87	100
Cobalt-061	27	1000	Gadolinium-145	64	100
Cobalt-062m	27	1000	Gadolinium-146	64	10
Copper-060	29	100	Gadolinium-147	64	10
Copper-061	29	100	Gadolinium-148	64	0.001
Copper-064	29	1000	Gadolinium-149	64	100
Copper-067	29	100	Gadolinium-151	64	100
Curium-238	96	1000	Gadolinium-152	64	0.001
Curium-240	96	1	Gadolinium-153	64	10
Curium-241	96	10	Gadolinium-159	64	1000
Curium-242	96	1	Gallium-065	31	1000
Curium-243	96	0.01	Gallium-066	31	10
Curium-244	96	0.01	Gallium-067	31	100

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Radionuclide Name	Atomic Number	RQ (curies)	Radionuclide Name	Atomic Number	RQ (curies)
Gallium-068	31	1000	Indium-115m	49	100
Gallium-070	31	1000	Indium-116m	49	100
Gallium-072	31	10	Indium-117	49	1000
Gallium-073	31	100	Indium-117m	49	100
Germanium-066	32	100	Indium-119m	49	1000
Germanium-067	32	1000	Iodine-120	53	10
Germanium-068	32	10	Iodine-120m	53	100
Germanium-069	32	10	Iodine-121	53	100
Germanium-071	32	1000	Iodine-123	53	10
Germanium-075	32	1000	Iodine-124	53	0.1
Germanium-077	32	10	Iodine-125	53	0.01
Germanium-078	32	1000	Iodine-126	53	0.01
Gold-193	79	100	Iodine-128	53	1000
Gold-194	79	10	Iodine-129	53	0.001
Gold-195	79	100	Iodine-130	53	1
Gold-198	79	100	Iodine-131	53	0.01
Gold-198m	79	10	Iodine-132	53	10
Gold-199	79	100	Iodine-132m	53	10
Gold-200	79	1000	Iodine-133	53	0.1
Gold-200m	79	10	Iodine-134	53	100
Gold-201	79	1000	Iodine-135	53	10
Hafnium-170	72	100	Iridium-182	77	1000
Hafnium-172	72	1	Iridium-184	77	100
Hafnium-173	72	100	Iridium-185	77	100
Hafnium-175	72	100	Iridium-186	77	10
Hafnium-177m	72	1000	Iridium-187	77	100
Hafnium-178m	72	0.1	Iridium-188	77	10
Hafnium-179m	72	100	Iridium-189	77	100
Hafnium-180m	72	100	Iridium-190	77	10
Hafnium-181	72	10	Iridium-190m	77	1000
Hafnium-182	72	0.1	Iridium-192	77	10
Hafnium-182m	72	100	Iridium-192m	77	100
Hafnium-183	72	100	Iridium-194	77	100
Hafnium-184	72	100	Iridium-194m	77	10
Holmium-155	67	1000	Iridium-195	77	1000
Holmium-157	67	1000	Iridium-195m	77	100
Holmium-159	67	1000	Iron-052	26	100
Holmium-161	67	1000	Iron-055	26	100
Holmium-162	67	1000	Iron-059	26	10
Holmium-162m	67	1000	Iron-060	26	0.1
Holmium-164	67	1000	Krypton-074	36	10
Holmium-164m	67	1000	Krypton-076	36	10
Holmium-166	67	100	Krypton-077	36	10
Holmium-166m	67	1	Krypton-079	36	100
Holmium-167	67	100	Krypton-081	36	1000
Hydrogen-003	1	100	Krypton-083m	36	1000
Indium-109	49	100	Krypton-085	36	1000
Indium-110 (4.9 hours)	49	10	Krypton-085m	36	100
Indium-110 (69.1 min)	49	100	Krypton-087	36	10
Indium-111	49	100	Krypton-088	36	10
Indium-112	49	1000	Lanthanum-131	57	1000
Indium-113m	49	1000	Lanthanum-132	57	100
Indium-114m	49	10	Lanthanum-135	57	1000
Indium-115	49	0.1	Lanthanum-137	57	10

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Radionuclide Name	Atomic Number	RQ (curies)	Radionuclide Name	Atomic Number	RQ (curies)
Lanthanum-138	57	1	Molybdenum-099	42	100
Lanthanum-140	57	10	Molybdenum-101	42	1000
Lanthanum-141	57	1000	Neodymium-136	60	1000
Lanthanum-142	57	100	Neodymium-138	60	1000
Lanthanum-143	57	1000	Neodymium-139	60	1000
Lead-195m	82	1000	Neodymium-139m	60	100
Lead-198	82	100	Neodymium-141	60	1000
Lead-199	82	100	Neodymium-147	60	10
Lead-200	82	100	Neodymium-149	60	100
Lead-201	82	100	Neodymium-151	60	1000
Lead-202	82	1	Neptunium-232	93	1000
Lead-202m	82	10	Neptunium-233	93	1000
Lead-203	82	100	Neptunium-234	93	10
Lead-205	82	100	Neptunium-235	93	1000
Lead-209	82	1000	Neptunium-236 (1.2E 5 yr)	93	0.1
Lead-210	82	0.01	Neptunium-236 (22.5 hours)	93	100
Lead-211	82	100	Neptunium-237	93	0.01
Lead-212	82	10	Neptunium-238	93	10
Lead-214	82	100	Neptunium-239	93	100
Lutetium-169	71	10	Neptunium-240	93	100
Lutetium-170	71	10	Nickel-056	28	10
Lutetium-171	71	10	Nickel-057	28	10
Lutetium-172	71	10	Nickel-059	28	100
Lutetium-173	71	100	Nickel-063	28	100
Lutetium-174	71	10	Nickel-065	28	100
Lutetium-174m	71	10	Nickel-066	28	10
Lutetium-176	71	1	Niobium-088	41	100
Lutetium-176m	71	1000	Niobium-089 (122 minutes)	41	100
Lutetium-177	71	100	Niobium-089 (66 minutes)	41	100
Lutetium-177m	71	10	Niobium-090	41	10
Lutetium-178	71	1000	Niobium-093m	41	100
Lutetium-178m	71	1000	Niobium-094	41	10
Lutetium-179	71	1000	Niobium-095	41	10
Magnesium-028	12	10	Niobium-095m	41	100
Manganese-051	25	1000	Niobium-096	41	10
Manganese-052	25	10	Niobium-097	41	100
Manganese-052m	25	1000	Niobium-098	41	1000
Manganese-053	25	1000	Osmium-180	76	1000
Manganese-054	25	10	Osmium-181	76	100
Manganese-056	25	100	Osmium-182	76	100
Mendelevium-257	101	100	Osmium-185	76	10
Mendelevium-258	101	1	Osmium-189m	76	1000
Mercury-193	80	100	Osmium-191	76	100
Mercury-193m	80	10	Osmium-191m	76	1000
Mercury-194	80	0.1	Osmium-193	76	100
Mercury-195	80	100	Osmium-194	76	1
Mercury-195m	80	100	Palladium-100	46	100
Mercury-197	80	1000	Palladium-101	46	100
Mercury-197m	80	1000	Palladium-103	46	100
Mercury-199m	80	1000	Palladium-107	46	100
Mercury-203	80	10	Palladium-109	46	1000
Molybdenum-090	42	100	Phosphorus-032	15	0.1
Molybdenum-093	42	100	Phosphorus-033	15	1
Molybdenum-093m	42	10	Platinum-186	78	100

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Radionuclide Name	Atomic Number	RQ (curies)	Radionuclide Name	Atomic Number	RQ (curies)
Platinum-188	78	100	Protactinium-230	91	10
Platinum-189	78	100	Protactinium-231	91	0.01
Platinum-191	78	100	Protactinium-232	91	10
Platinum-193	78	1000	Protactinium-233	91	100
Platinum-193m	78	100	Protactinium-234	91	10
Platinum-195m	78	100	Radium-223	88	1
Platinum-197	78	1000	Radium-224	88	10
Platinum-197m	78	1000	Radium-225	88	1
Platinum-199	78	1000	Radium-226	88	0.1
Platinum-200	78	100	Radium-227	88	1000
Plutonium-234	94	1000	Radium-228	88	0.1
Plutonium-235	94	1000	Radon-220	86	0.1
Plutonium-236	94	0.1	Radon-222	86	0.1
Plutonium-237	94	1000	Rhenium-177	75	1000
Plutonium-238	94	0.01	Rhenium-178	75	1000
Plutonium-239	94	0.01	Rhenium-181	75	100
Plutonium-240	94	0.01	Rhenium-182 (12.7 hours)	75	10
Plutonium-241	94	1	Rhenium-182 (64.0 hours)	75	10
Plutonium-242	94	0.01	Rhenium-184	75	10
Plutonium-243	94	1000	Rhenium-184m	75	10
Plutonium-244	94	0.01	Rhenium-186	75	100
Plutonium-245	94	100	Rhenium-186m	75	10
Polonium-203	84	100	Rhenium-187	75	1000
Polonium-205	84	100	Rhenium-188	75	1000
Polonium-207	84	10	Rhenium-188m	75	1000
Polonium-210	84	0.01	Rhenium-189	75	1000
Potassium-040	19	1	Rhodium-099	45	10
Potassium-042	19	100	Rhodium-099m	45	100
Potassium-043	19	10	Rhodium-100	45	10
Potassium-044	19	100	Rhodium-101	45	10
Potassium-045	19	1000	Rhodium-101m	45	100
Praseodymium-136	59	1000	Rhodium-102	45	10
Praseodymium-137	59	1000	Rhodium-102m	45	10
Praseodymium-138m	59	100	Rhodium-103m	45	1000
Praseodymium-139	59	1000	Rhodium-105	45	100
Praseodymium-142	59	100	Rhodium-106m	45	10
Praseodymium-142m	59	1000	Rhodium-107	45	1000
Praseodymium-143	59	10	Rubidium-079	37	1000
Praseodymium-144	59	1000	Rubidium-081	37	100
Praseodymium-145	59	1000	Rubidium-081m	37	1000
Praseodymium-147	59	1000	Rubidium-082m	37	10
Promethium-141	61	1000	Rubidium-083	37	10
Promethium-143	61	100	Rubidium-084	37	10
Promethium-144	61	10	Rubidium-086	37	10
Promethium-145	61	100	Rubidium-087	37	10
Promethium-146	61	10	Rubidium-088	37	1000
Promethium-147	61	10	Rubidium-089	37	1000
Promethium-148	61	10	Ruthenium-094	44	1000
Promethium-148m	61	10	Ruthenium-097	44	100
Promethium-149	61	100	Ruthenium-103	44	10
Promethium-150	61	100	Ruthenium-105	44	100
Promethium-151	61	100	Ruthenium-106	44	1
Protactinium-227	91	100	Samarium-141	62	1000
Protactinium-228	91	10	Samarium-141m	62	1000

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Radionuclide Name	Atomic Number	RQ (curies)	Radionuclide Name	Atomic Number	RQ (curies)
Samarium-142	62	1000	Tantalum-176	73	10
Samarium-145	62	100	Tantalum-177	73	1000
Samarium-146	62	0.01	Tantalum-178	73	1000
Samarium-147	62	0.01	Tantalum-179	73	1000
Samarium-151	62	10	Tantalum-180	73	100
Samarium-153	62	100	Tantalum-180m	73	1000
Samarium-155	62	1000	Tantalum-182	73	10
Samarium-156	62	100	Tantalum-182m	73	1000
Scandium-043	21	1000	Tantalum-183	73	100
Scandium-044	21	100	Tantalum-184	73	10
Scandium-044m	21	10	Tantalum-185	73	1000
Scandium-046	21	10	Tantalum-186	73	1000
Scandium-047	21	100	Technetium-093	43	100
Scandium-048	21	10	Technetium-093m	43	1000
Scandium-049	21	1000	Technetium-094	43	10
Selenium-070	34	1000	Technetium-094m	43	100
Selenium-073	34	10	Technetium-096	43	10
Selenium-073m	34	100	Technetium-096m	43	1000
Selenium-075	34	10	Technetium-097	43	100
Selenium-079	34	10	Technetium-097m	43	100
Selenium-081	34	1000	Technetium-098	43	10
Selenium-081m	34	1000	Technetium-099	43	10
Selenium-083	34	1000	Technetium-099m	43	100
Silicon-031	14	1000	Technetium-101	43	1000
Silicon-032	14	1	Technetium-104	43	1000
Silver-102	47	100	Tellurium-116	52	1000
Silver-103	47	1000	Tellurium-121	52	10
Silver-104	47	1000	Tellurium-121m	52	10
Silver-104m	47	1000	Tellurium-123	52	10
Silver-105	47	10	Tellurium-123m	52	10
Silver-106	47	1000	Tellurium-125m	52	10
Silver-106m	47	10	Tellurium-127	52	1000
Silver-108m	47	10	Tellurium-127m	52	10
Silver-110m	47	10	Tellurium-129	52	1000
Silver-111	47	10	Tellurium-129m	52	10
Silver-112	47	100	Tellurium-131	52	1000
Silver-115	47	1000	Tellurium-131m	52	10
Sodium-022	11	10	Tellurium-132	52	10
Sodium-024	11	10	Tellurium-133	52	1000
Strontium-080	38	100	Tellurium-133m	52	1000
Strontium-081	38	1000	Tellurium-134	52	1000
Strontium-083	38	100	Terbium-147	65	100
Strontium-085	38	10	Terbium-149	65	100
Strontium-085m	38	1000	Terbium-150	65	100
Strontium-087m	38	100	Terbium-151	65	10
Strontium-089	38	10	Terbium-153	65	100
Strontium-090	38	0.1	Terbium-154	65	10
Strontium-091	38	10	Terbium-155	65	100
Strontium-092	38	100	Terbium-156	65	10
Sulfur-035	16	1	Terbium-156m (24.4 hours)	65	1000
Tantalum-172	73	100	Terbium-156m (5.0 hours)	65	1000
Tantalum-173	73	100	Terbium-157	65	100
Tantalum-174	73	100	Terbium-158	65	10
Tantalum-175	73	100	Terbium-160	65	10

RADIONUCLIDES LISTED UNDER CERCLA
FOR REFERENCE ONLY, NOT FOR REGULATORY COMPLIANCE
SEE 40 CFR PART 302, TABLE 302.4, APPENDIX B, FOR MORE INFORMATION

Radionuclide Name	Atomic Number	RQ (curies)	Radionuclide Name	Atomic Number	RQ (curies)
Terbium-161	65	100	Uranium-233	92	0.1
Thallium-194	81	1000	Uranium-234	92	0.1
Thallium-194m	81	100	Uranium-235	92	0.1
Thallium-195	81	100	Uranium-236	92	0.1
Thallium-197	81	100	Uranium-237	92	100
Thallium-198	81	10	Uranium-238	92	0.1
Thallium-198m	81	100	Uranium-239	92	1000
Thallium-199	81	100	Uranium-240	92	1000
Thallium-200	81	10	Vanadium-047	23	1000
Thallium-201	81	1000	Vanadium-048	23	10
Thallium-202	81	10	Vanadium-049	23	1000
Thallium-204	81	10	Xenon-120	54	100
Thorium-226	90	100	Xenon-121	54	10
Thorium-227	90	1	Xenon-122	54	100
Thorium-228	90	0.01	Xenon-123	54	10
Thorium-229	90	0.001	Xenon-125	54	100
Thorium-230	90	0.01	Xenon-127	54	100
Thorium-231	90	100	Xenon-129m	54	1000
Thorium-232	90	0.001	Xenon-131m	54	1000
Thorium-234	90	100	Xenon-133	54	1000
Thulium-162	69	1000	Xenon-133m	54	1000
Thulium-166	69	10	Xenon-135	54	100
Thulium-167	69	100	Xenon-135m	54	10
Thulium-170	69	10	Xenon-138	54	10
Thulium-171	69	100	Ytterbium-162	70	1000
Thulium-172	69	100	Ytterbium-166	70	10
Thulium-173	69	100	Ytterbium-167	70	1000
Thulium-175	69	1000	Ytterbium-169	70	10
Tin-110	50	100	Ytterbium-175	70	100
Tin-111	50	1000	Ytterbium-177	70	1000
Tin-113	50	10	Ytterbium-178	70	1000
Tin-117m	50	100	Yttrium-086	39	10
Tin-119m	50	10	Yttrium-086m	39	1000
Tin-121	50	1000	Yttrium-087	39	10
Tin-121m	50	10	Yttrium-088	39	10
Tin-123	50	10	Yttrium-090	39	10
Tin-123m	50	1000	Yttrium-090m	39	100
Tin-125	50	10	Yttrium-091	39	10
Tin-126	50	1	Yttrium-091m	39	1000
Tin-127	50	100	Yttrium-092	39	100
Tin-128	50	1000	Yttrium-093	39	100
Titanium-044	22	1	Yttrium-094	39	1000
Titanium-045	22	1000	Yttrium-095	39	1000
Tungsten-176	74	1000	Zinc-062	30	100
Tungsten-177	74	100	Zinc-063	30	1000
Tungsten-178	74	100	Zinc-065	30	10
Tungsten-179	74	1000	Zinc-069	30	1000
Tungsten-181	74	100	Zinc-069m	30	100
Tungsten-185	74	10	Zinc-071m	30	100
Tungsten-187	74	100	Zinc-072	30	100
Tungsten-188	74	10	Zirconium-086	40	100
Uranium-230	92	1	Zirconium-088	40	10
Uranium-231	92	1000	Zirconium-089	40	100
Uranium-232	92	0.01	Zirconium-093	40	1

RADIONUCLIDES LISTED UNDER CERCLA
FOR REFERENCE ONLY, NOT FOR REGULATORY COMPLIANCE
SEE 40 CFR PART 302, TABLE 302.4, APPENDIX B, FOR MORE INFORMATION

Radionuclide Name	Atomic Number	RQ (curies)
Zirconium-095	40	10
Zirconium-097	40	10

NOTES:

m - Signifies a nuclear isomer which is a radionuclide in a higher energy metastable state relative to the parent isotope

Final RQs for all radionuclides apply to chemical compounds containing the radionuclides and elemental forms regardless of the diameter of pieces of solid material

An adjusted RQ of one curie applies to all radionuclides not otherwise listed Whenever the RQs in the SARA Title III Consolidated List and this list are in conflict, the lowest RQ applies

Notification requirements for releases of mixtures or solutions of radionuclides can be found in 40 CFR section 302 6(b).

RCRA WASTE STREAMS AND UNLISTED HAZARDOUS WASTES
THE DESCRIPTIONS OF THE WASTE STREAMS HAVE BEEN TRUNCATED.
THIS LIST SHOULD BE USED FOR REFERENCE ONLY
COMPLIANCE INFORMATION CAN BE FOUND IN 40 CFR PART 302 AND TABLE 302.4

RCRA CODE	RQ	NAME
F001	10	The following spent halogenated solvents used in degreasing:
	100	(a) Tetrachloroethylene (CAS No. 127-18-4, RCRA Waste No. U210)
	100	(b) Trichloroethylene (CAS No. 79-01-6, RCRA Waste No. U228)
	1,000	(c) Methylene chloride (CAS No. 75-09-2, RCRA Waste No. U080)
	1,000	(d) 1,1,1-Trichloroethane (CAS No. 71-55-6, RCRA Waste No. U226)
	10	(e) Carbon tetrachloride (CAS No. 56-23-5, RCRA Waste No. U211)
	5,000	(f) Chlorinated fluorocarbons
F002	10	The following spent halogenated solvents:
	100	(a) Tetrachloroethylene (CAS No. 127-18-4, RCRA Waste No. U210)
	1,000	(b) Methylene chloride (CAS No. 75-09-2, RCRA Waste No. U080)
	100	(c) Trichloroethylene (CAS No. 79-01-6, RCRA Waste No. U228)
	1,000	(d) 1,1,1-Trichloroethane (CAS No. 71-55-6, RCRA Waste No. U226)
	100	(e) Chlorobenzene (CAS No. 108-90-7, RCRA Waste No. U037)
	5,000	(f) 1,1,2-Trichloro-1,2,2-trifluoroethane (CAS No. 76-13-1)
	100	(g) o-Dichlorobenzene (CAS No. 95-50-1, RCRA Waste No. U070)
	5,000	(h) Trichlorofluoromethane (CAS No. 75-69-4, RCRA Waste No. U121)
	100	(i) 1,1,2-Trichloroethane (CAS No. 79-00-5, RCRA Waste No. U227)
F003	100	The following spent non-halogenated solvents and still bottoms from recovery:
	1,000	(a) Xylene (CAS No. 1330-20-7, RCRA Waste No. U239)
	5,000	(b) Acetone (CAS No. 67-64-1, RCRA Waste No. U002)
	5,000	(c) Ethyl acetate (CAS No. 141-78-6, RCRA Waste No. U112)
	1,000	(d) Ethylbenzene (CAS No. 100-41-4)
	100	(e) Ethyl ether (CAS No. 60-29-7, RCRA Waste No. U117)
	5,000	(f) Methyl isobutyl ketone (CAS No. 108-10-1, RCRA Waste No. U161)
	5,000	(g) n-Butyl alcohol (CAS No. 71-36-3, RCRA Waste No. U031)
	5,000	(h) Cyclohexanone (CAS No. 108-94-1, RCRA Waste No. U057)
	5,000	(i) Methanol (CAS No. 67-56-1, RCRA Waste No. U154)
F004	100	The following spent non-halogenated solvents and still bottoms from recovery:
	100	(a) Cresols/cresylic acid (CAS No. 1319-77-3, RCRA Waste No. U052)
	1,000	(b) Nitrobenzene (CAS No. 98-95-3, RCRA Waste No. U169)
F005	100	The following spent non-halogenated solvents and still bottoms from recovery:
	1,000	(a) Toluene (CAS No. 108-88-3, RCRA Waste No. U220)
	5,000	(b) Methyl ethyl ketone (CAS No. 78-93-3, RCRA Waste No. U159)
	100	(c) Carbon disulfide (CAS No. 75-15-0, RCRA Waste No. P022)
	5,000	(d) Isobutanol (CAS No. 78-83-1, RCRA Waste No. U140)
	1,000	(e) Pyridine (CAS No. 110-86-1, RCRA Waste No. U196)
F006	10	Wastewater treatment sludges from electroplating operations (w/some exceptions)
F007	10	Spent cyanide plating bath solns. from electroplating
F008	10	Plating bath residues from electroplating where cyanides are used
F009	10	Spent stripping/cleaning bath solns. from electroplating where cyanides are used
F010	10	Quenching bath residues from metal heat treating where cyanides are used
F011	10	Spent cyanide soln. from salt bath pot cleaning from metal heat treating
F012	10	Quenching wastewater sludges from metal heat treating where cyanides are used
F019	10	Wastewater treatment sludges from chemical conversion aluminum coating

F020	1	Wastes from prod. or use of tri/tetrachlorophenol or derivative intermediates
F021	1	Wastes from prod. or use of pentachlorophenol or intermediates for derivatives
F022	1	Wastes from use of tetra/penta/hexachlorobenzenes under alkaline conditions
F023	1	Wastes from mat. prod. on equip. previously used for tri\tetrachlorophenol
F024	1	Wastes from production of chlorinated aliphatic hydrocarbons (C1-C5)
F025	1	Lights ends, filters from prod. of chlorinated aliphatic hydrocarbons (C1-C5)
F026	1	Waste from equipment previously used to prod. tetra/penta/hexachlorobenzenes
F027	1	Discarded formulations containing tri/tetra/pentachlorophenols or derivatives
F028	1	Residues from incineration of soil contaminated w/ F020,F021,F022,F023,F026,F027
F032	1	Wastewaters, process residuals from wood preserving using chlorophenolic solns.
F034	1	Wastewaters, process residuals from wood preserving using creosote formulations
F035	1	Wastewaters, process residuals from wood preserving using arsenic or chromium
F037	1	Petroleum refinery primary oil/water/solids separation sludge
F038	1	Petroleum refinery secondary (emulsified) oil/water/solids separation sludge
F039	1	Multisource leachate
K001	1	Wastewater treatment sludge from creosote/pentachlorophenol wood preserving
K002	10	Wastewater treatment sludge from prod. of chrome yellow and orange pigments
K003	10	Wastewater treatment sludge from prod of molybdate orange pigments
K004	10	Wastewater treatment sludge from prod. of zinc yellow pigments
K005	10	Wastewater treatment sludge from prod. of chrome green pigments
K006	10	Wastewater treatment sludge from prod. of chrome oxide green pigments
K007	10	Wastewater treatment sludge from prod. of iron blue pigments
K008	10	Oven residue from prod. of chrome oxide green pigments
K009	10	Dist. bottoms from prod. of acetaldehyde from ethylene
K010	10	Dist. side cuts from prod. of acetaldehyde from ethylene
K011	10	Bottom stream from wastewater stripper in acrylonitrile prod.
K013	10	Bottom stream from acetonitrile column in acrylonitrile prod.
K014	5,000	Bottoms from acetonitrile purification column in acrylonitrile prod.
K015	10	Still bottoms from the dist. of benzyl chloride
K016	1	Heavy ends or dist. residues from prod. of carbon tetrachloride
K017	10	Heavy ends from the purification column in epichlorohydrin prod.
K018	1	Heavy ends from the fractionation column in ethyl chloride prod.
K019	1	Heavy ends from the dist. of ethylene dichloride during its prod.
K020	1	Heavy ends from the dist. of vinyl chloride during prod. of the monomer
K021	10	Aqueous spent antimony catalyst waste from fluoromethanes prod.
K022	1	Dist. bottom tars from prod. of phenol/acetone from cumene
K023	5,000	Dist. light ends from prod. of phthalic anhydride from naphthalene
K024	5,000	Dist. bottoms from prod. of phthalic anhydride from naphthalene
K025	10	Dist. bottoms from prod. of nitrobenzene by nitration of benzene
K026	1,000	Stripping still tails from the prod. of methyl ethyl pyridines
K027	10	Centrifuge/dist. residues from toluene diisocyanate prod.
K028	1	Spent catalyst from hydrochlorinator reactor in prod. of 1,1,1-trichloroethane
K029	1	Waste from product steam stripper in prod. of 1,1,1-trichloroethane
K030	1	Column bottoms/heavy ends from prod. of trichloroethylene and perchloroethylene
K031	1	By-product salts generated in the prod. of MSMA and cacodylic acid
K032	10	Wastewater treatment sludge from the prod. of chlordane
K033	10	Wastewaster/scrubwater from chlorination of cyclopentadiene in chlordane prod.
K034	10	Filter solids from filtration of hexachlorocyclopentadiene in chlordane prod.
K035	1	Wastewater treatment sludges from the prod. of creosote
K036	1	Still bottoms from toluene reclamation distillation in disulfoton prod.

K037	1	Wastewater treatment sludges from the prod. of disulfoton
K038	10	Wastewater from the washing and stripping of phorate production
K039	10	Filter cake from filtration of diethylphosphorodithioic adid in phorate prod.
K040	10	Wastewater treatment sludge from the prod. of phorate
K041	1	Wastewater treatment sludge from the prod. of toxaphene
K042	10	Heavy ends/residues from dist. of tetrachlorobenzene in 2,4,5-T prod.
K043	10	2,6-Dichlorophenol waste from the prod. of 2,4-D
K044	10	Wastewater treatment sludge from manuf. and processing of explosives
K045	10	Spent carbon from treatment of wastewater containing explosives
K046	10	Wastewater sludge from manuf.,formulating,loading of lead-based initiating compd
K047	10	Pink/red water from TNT operations
K048	10	Dissolved air flotation (DAF) float from the petroleum refining industry
K049	10	Slop oil emulsion solids from the petroleum refining industry
K050	10	Heat exchanger bundle cleaning sludge from petroleum refining industry
K051	10	API separator sludge from the petroleum refining industry
K052	10	Tank bottoms (leaded) from the petroleum refining industry
K060	1	Ammonia still lime sludge from coking operations
K061	10	Emission control dust/sludge from primary prod. of steel in electric furnaces
K062	10	Spent pickle liquor generated by steel finishing (SIC codes 331 and 332)
K064	10	Acid plant blowdown slurry/sludge from blowdown slurry from primary copper prod.
K065	10	Surface impoundment solids at primary lead smelting facilities
K066	10	Sludge from treatment of wastewater/acid plant blowdown from primary zinc prod.
K069	10	Emission control dust/sludge from secondary lead smelting
K071	1	Brine purification muds from mercury cell process in chlorine production
K073	10	Chlorinated hydrocarbon waste from diaphragm cell process in chlorine production
K083	100	Distillation bottoms from aniline extraction
K084	1	Wastewater sludges from prod. of veterinary pharm. from arsenic compds.
K085	10	Distillation or fractionation column bottoms in prod. of chlorobenzenes
K086	10	Wastes/sludges from prod. of inks from chromium and lead-containing substances
K087	100	Decanter tank tar sludge from coking operations
K088	10	Spent potliners from primary aluminum reduction
K090	10	Emission control dust/sludge from ferrochromiumsilicon prod.
K091	10	Emission control dust/sludge from ferrochromium prod.
K093	5,000	Dist. light ends from prod. of phthalic anhydride by ortho-xylene
K094	5,000	Dist. bottoms in prod. of phthalic anhydride by ortho-xylene
K095	100	Distillation bottoms in prod. of 1,1,1-trichloroethane
K096	100	Heavy ends from dist. column in prod. of 1,1,1-trichloroethane
K097	1	Vacuum stripper discharge from the chlordane chlorinator in prod. of chlordane
K098	1	Untreated process wastewater from the prod. of toxaphene
K099	10	Untreated wastewater from the prod. of 2,4-D
K100	10	Waste leaching soln from emission control dust/sludge in secondary lead smelting
K101	1	Dist. tar residue from aniline in prod. of veterinary pharm. from arsenic compd.
K102	1	Residue from activated carbon in prod. of veterinary pharm. from arsenic compds.
K103	100	Process residues from aniline extraction from the prod. of aniline
K104	10	Combined wastewater streams generated from prod. of nitrobenzene/aniline
K105	10	Aqueous stream from washing in prod. of chlorobenzenes
K106	1	Wastewater treatment sludge from mercury cell process in chlorine prod.
K107	10	Column bottoms from separation in prod. of UDMH from carboxylic acid hydrazides
K108	10	Condensed column overheads and vent gas from prod. of UDMH from -COOH hydrazides
K109	10	Spent filter catridges from purif. of UDMH prod. from carboxylic acid hydrazides

K110	10	Condensed column overheads from separation in UDMH prod. from -COOH hydrazides
K111	10	Product washwaters from prod. of dinitrotoluene via nitration of toluene
K112	10	Reaction by-product water from drying in toluenediamine prod from dinitrotoluene
K113	10	Condensed liquid light ends from purification of toluenediamine during its prod.
K114	10	Vicinals from purification of toluenediamine during its prod from dinitrotoluene
K115	10	Heavy ends from toluenediamine purification during prod. from dinitrotoluene
K116	10	Organic condensate from solvent recovery system in prod. of toluene diisocyanate
K117	1	Wastewater from vent gas scrubber in ethylene bromide prod by ethene bromination
K118	1	Spent absorbent solids in purification of ethylene dibromide in its prod.
K123	10	Process waterwater from the prod. of ethylenebisdithiocarbamic acid and salts
K124	10	Reactor vent scubber water from prod of ethylenebisdithiocarbamic acid and salts
K125	10	Filtration/other solids from prod. of ethylenebisdithiocarbamic acid and salts
K126	10	Dust/sweepings from the prod. of ethylenebisdithiocarbamic acid and salts
K131	100	Wastewater and spent sulfuric acid from the prod. of methyl bromide
K132	1,000	Spent absorbent and wastewater solids from the prod. of methyl bromide
K136	1	Still bottoms from ethylene dibromide purif. in prod. by ethene bromination
K141	1	Process residues from coal tar recovery in coking
K142	1	Tar storage tank residues from coke prod. from coal or recovery of coke by-prods
K143	1	Process residues from recovery of light oil in coking
K144	1	Wastewater residues from light oil refining in coking
K145	1	Residues from naphthalene collection and recovery from coke by-products
K147	1	Tar storage tank residues from coal tar refining in coking
K148	1	Residues from coal tar distillation, including still bottoms, in coking
K149	10	Distillation bottoms from the prod. of chlorinated toluenes/benzoyl chlorides
K150	10	Organic residuals from Cl gas and HCl recovery from chlorinated toluene prod.
K151	10	Wastewater treatment sludge from production of chlorotoluenes/benzoyl chlorides
K156	1*	Organic waste from production of carbamates and carbamoyl oximes
K157	1*	Wastewaters from production of carbamates and carbamoyl oximes (not sludges)
K158	1*	Bag house dusts & filter/separation solids from prod of carbamates, carb oximes
K159	1*	Organics from treatment of thiocarbamate waste
K161	1*	Purif. solids/bag house dust/sweepings from prod of dithiocarbamate acids/salts
K169	10	Crude oil storage tank sediment from refining operations
K170	1	Clarified slurry oil tank sediment of in-line filter/separation solids
K171	1	Spent hydrotreating catalyst
K172	1	Spent hydrorefining catalyst
K174	1	Wastewater treatment sludges from the production of ethylene dichloride or vinyl chloride monomer (EDC/VCM)
K175	1	Wastewater treatment sludges from the production vinyl chloride monomer using mercuric chloride catalyst in an acetlyene-based process
D001	100	Unlisted hazardous wastes characteristic of ignitability
D002	100	Unlisted hazardous wastes characteristic of corrosivity
D003	100	Unlisted hazardous wastes characteristic of reactivity
		Unlisted hazardous wastes characteristic of toxicity:
D004	1	Arsenic
D005	1,000	Barium
D006	10	Cadmium
D007	10	Chromium
D008	10	Lead
D009	1	Mercury
D010	10	Selenium

D011	1	Silver
D012	1	Endrin
D013	1	Lindane
D014	1	Methoxychlor
D015	1	Toxaphene
D016	100	2,4-D
D017	100	2,4,5-TP
D018	10	Benzene
D019	10	Carbon tetrachloride
D020	1	Chlordane
D021	100	Chlorobenzene
D022	10	Chloroform
D023	100	o-Cresol
D024	100	m-Cresol
D025	100	p-Cresol
D026	100	Cresol
D027	100	1,4-Dichlorobenzene
D028	100	1,2-Dichloroethane
D029	100	1,1-Dichloroethylene
D030	10	2,4-Dinitrotoluene
D031	1	Heptachlor (and epoxide)
D032	10	Hexachlorobenzene
D033	1	Hexachlorobutadiene
D034	100	Hexachloroethane
D035	5,000	Methyl ethyl ketone
D036	1,000	Nitrobenzene
D037	10	Pentachlorophenol
D038	1,000	Pyridine
D039	100	Tetrachloroethylene
D040	100	Trichloroethylene
D041	10	2,4,5-Trichlorophenol
D042	10	2,4,6-Trichlorophenol
D043	1	Vinyl chloride

VERSAR

ATTACHMENT 5

ALOHA SUMMARIES

```
SITE DATA:
  Location: SAN JOSE, CALIFORNIA
  Building Air Exchanges Per Hour: 0.43 (unsheltered double storied)
  Time: October 26, 2007  0930 hours PDT (user specified)

CHEMICAL DATA:
  Chemical Name: AQUEOUS AMMONIA
  Solution Strength: 20% (by weight)
  Ambient Boiling Point: 117.2° F
  Partial Pressure at Ambient Temperature: 0.32 atm
  Ambient Saturation Concentration: 319,350 ppm or 31.9%
  Hazardous Component: AMMONIA            Molecular Weight: 17.03 g/mol
  ERPG-1: 25 ppm      ERPG-2: 150 ppm     ERPG-3: 750 ppm
  IDLH: 300 ppm       LEL: 160000 ppm     UEL: 250000 ppm

ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)
  Wind: 3 meters/second from n at 3 meters
  Ground Roughness: urban or forest       Cloud Cover: 0 tenths
  Air Temperature: 70° F                  Stability Class: D
  No Inversion Height                     Relative Humidity: 50%

SOURCE STRENGTH:
  Evaporating Puddle (Note: chemical is flammable)
  Puddle Area: 10 square feet             Puddle Mass: 15 pounds
  Ground Type: Concrete                   Ground Temperature: 70° F
  Initial Puddle Temperature: Air temperature
  Release Duration: 42 minutes
  Max Average Sustained Release Rate: 0.376 pounds/min
     (averaged over a minute or more)
  Total Amount Hazardous Component Released: 3.00 pounds

THREAT ZONE:
  Model Run: Gaussian
  Red    : less than 10 meters(10.9 yards) --- (750 ppm = ERPG-3)
  Note: Threat zone was not drawn because effects of near-field patchiness
     make dispersion predictions less reliable for short distances.
  Orange: 17 yards --- (150 ppm = ERPG-2)
  Note: Threat zone was not drawn because effects of near-field patchiness
     make dispersion predictions less reliable for short distances.
  Yellow: 43 yards --- (25 ppm = ERPG-1)
  Note: Threat zone was not drawn because effects of near-field patchiness
     make dispersion predictions less reliable for short distances.

THREAT AT POINT:
  Concentration Estimates at the point:
  Downwind: 270 yards                     Off Centerline: 1 yards
  Max Concentration:
     Outdoor: 0.656 ppm
     Indoor:  0.0299 ppm
```

SITE DATA:
Location: SAN JOSE, CALIFORNIA
Building Air Exchanges Per Hour: 0.43 (unsheltered double storied)
Time: October 26, 2007 0930 hours PDT (user specified)

CHEMICAL DATA:
Chemical Name: ARSINE Molecular Weight: 77.95 g/mol
AEGL-2(60 min): 0.17 ppm AEGL-3(60 min): 0.5 ppm
IDLH: 3 ppm LEL: 510 ppm UEL: 7800 ppm
Ambient Boiling Point: -80.5° F
Vapor Pressure at Ambient Temperature: greater than 1 atm
Ambient Saturation Concentration: 1,000,000 ppm or 100.0%

ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)
Wind: 3 meters/second from n at 3 meters
Ground Roughness: urban or forest Cloud Cover: 0 tenths
Air Temperature: 70° F Stability Class: D
No Inversion Height Relative Humidity: 50%

SOURCE STRENGTH:
Direct Source: 0.019 pounds/min Source Height: 0
Release Duration: 10 minutes
Release Rate: 0.019 pounds/min
Total Amount Released: 0.19 pounds
Note: This chemical may flash boil and/or result in two phase flow.

THREAT ZONE:
Model Run: Gaussian
Red : 18 yards --- (1.5 ppm = ERPG-3)
Note: Threat zone was not drawn because effects of near-field patchiness make dispersion predictions less reliable for short distances.
Orange: 32 yards --- (0.5 ppm = ERPG-2)
Note: Threat zone was not drawn because effects of near-field patchiness make dispersion predictions less reliable for short distances.
Yellow: 13 yards --- (3 ppm = IDLH)
Note: Threat zone was not drawn because effects of near-field patchiness make dispersion predictions less reliable for short distances.

THREAT AT POINT:
Concentration Estimates at the point:
Downwind: 270 yards Off Centerline: 1 yards
Max Concentration:
Outdoor: 0.00725 ppm
Indoor: 4.96e-04 ppm

```
SITE DATA:
  Location: SAN JOSE, CALIFORNIA
  Building Air Exchanges Per Hour: 0.43 (unsheltered double storied)
  Time: October 26, 2007  0930 hours PDT (user specified)

CHEMICAL DATA:
  Chemical Name: CHLORINE                 Molecular Weight: 70.91 g/mol
  AEGL-1(60 min): 0.5 ppm   AEGL-2(60 min): 2 ppm   AEGL-3(60 min): 20 ppm
  IDLH: 10 ppm
  Ambient Boiling Point: -29.4° F
  Vapor Pressure at Ambient Temperature: greater than 1 atm
  Ambient Saturation Concentration: 1,000,000 ppm or 100.0%

ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)
  Wind: 3 meters/second from n at 3 meters
  Ground Roughness: urban or forest       Cloud Cover: 0 tenths
  Air Temperature: 70° F                  Stability Class: D
  No Inversion Height                     Relative Humidity: 50%

SOURCE STRENGTH:
  Direct Source: 1.5 pounds/min           Source Height: 0
  Release Duration: 10 minutes
  Release Rate: 1.5 pounds/min
  Total Amount Released: 15.0 pounds
  Note: This chemical may flash boil and/or result in two phase flow.

THREAT ZONE:
  Model Run: Heavy Gas
  Red    : 92 yards --- (20 ppm = ERPG-3)
  Orange: 250 yards --- (3 ppm = ERPG-2)
  Yellow: 448 yards --- (1 ppm = ERPG-1)

THREAT AT POINT:
  Concentration Estimates at the point:
  Downwind: 270 yards                     Off Centerline: 1 yards
  Max Concentration:
     Outdoor: 2.6 ppm
     Indoor:  0.171 ppm
```

SITE DATA:
Location: SAN JOSE, CALIFORNIA
Building Air Exchanges Per Hour: 0.43 (unsheltered double storied)
Time: October 26, 2007 0930 hours PDT (user specified)

CHEMICAL DATA:
Chemical Name: DICHLOROSILANE Molecular Weight: 101.01 g/mol
TEEL-1: 35 ppm TEEL-2: 75 ppm TEEL-3: 75 ppm
LEL: 40000 ppm UEL: 960000 ppm
Ambient Boiling Point: 46.7° F
Vapor Pressure at Ambient Temperature: greater than 1 atm
Ambient Saturation Concentration: 1,000,000 ppm or 100.0%

ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)
Wind: 3 meters/second from n at 3 meters
Ground Roughness: urban or forest Cloud Cover: 0 tenths
Air Temperature: 70° F Stability Class: D
No Inversion Height Relative Humidity: 50%

SOURCE STRENGTH:
Direct Source: 10 pounds Source Height: 0
Release Duration: 1 minute
Release Rate: 0.167 pounds/sec
Total Amount Released: 10.00 pounds
Note: This chemical may flash boil and/or result in two phase flow.

THREAT ZONE:
Threat Modeled: Overpressure (blast force) from vapor cloud explosion
Type of Ignition: ignited by spark or flame
Level of Congestion: uncongested
Model Run: Heavy Gas
Red : LOC was never exceeded --- (8.0 psi = destruction of buildings)
Orange: LOC was never exceeded --- (3.5 psi = serious injury likely)
Yellow: LOC was never exceeded --- (1.0 psi = shatters glass)

THREAT AT POINT:
Overpressure Estimate at the point:
Downwind: 270 yards Off Centerline: 1 yards
There is no significant overpressure at the point selected.

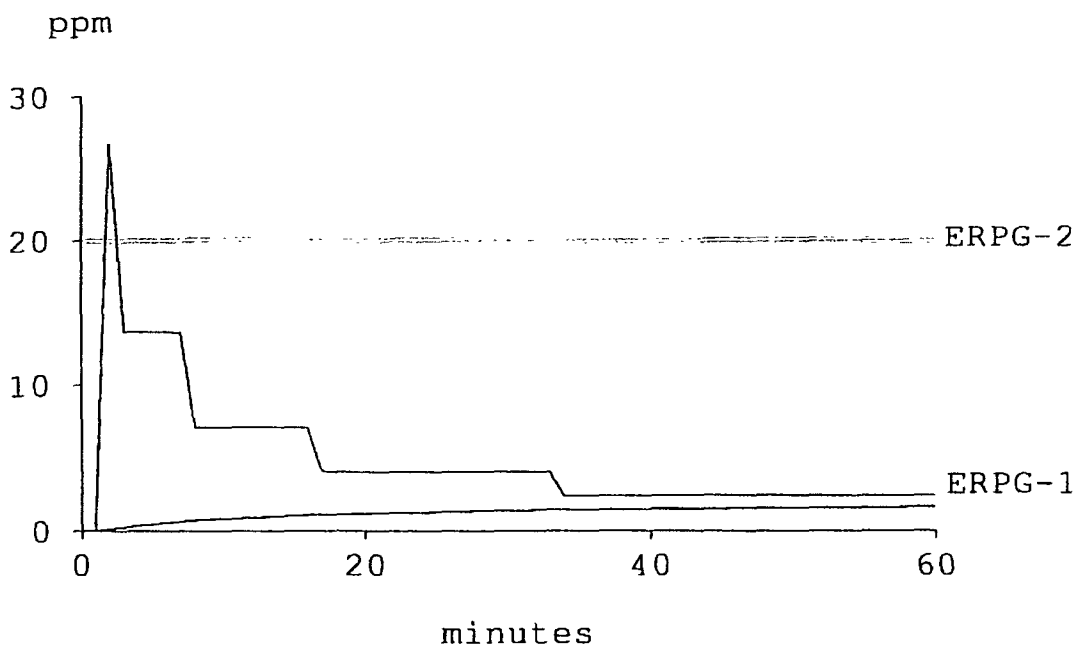
```
SITE DATA:
  Location: SAN JOSE, CALIFORNIA
  Building Air Exchanges Per Hour: 0.43 (unsheltered double storied)
  Time: October 26, 2007  0930 hours PDT (user specified)

CHEMICAL DATA:
  Chemical Name: HYDROCHLORIC ACID
  Solution Strength: 38% (by weight)
  Ambient Boiling Point: 112.3° F
  Partial Pressure at Ambient Temperature: 0.29 atm
  Ambient Saturation Concentration: 295,318 ppm or 29.5%
  Hazardous Component: HYDROGEN CHLORIDE
  Molecular Weight: 36.46 g/mol
  AEGL-1(60 min): 1.8 ppm   AEGL-2(60 min): 22 ppm   AEGL-3(60 min): 100 ppm
  IDLH: 50 ppm

ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)
  Wind: 3 meters/second from n at 3 meters
  Ground Roughness: urban or forest      Cloud Cover: 0 tenths
  Air Temperature: 70° F                 Stability Class: D
  No Inversion Height                    Relative Humidity: 50%

SOURCE STRENGTH:
  Evaporating Puddle
  Puddle Area: 1000 square feet          Puddle Mass: 3716 pounds
  Ground Type: Concrete                  Ground Temperature: 70° F
  Initial Puddle Temperature: Air temperature
  Release Duration: ALOHA limited the duration to 1 hour
  Max Average Sustained Release Rate: 33.4 pounds/min
     (averaged over a minute or more)
  Total Amount Hazardous Component Released: 366 pounds

THREAT ZONE:
  Model Run: Gaussian
  Red    : 107 yards --- (150 ppm = ERPG-3)
  Orange: 314 yards --- (20 ppm = ERPG-2)
  Yellow: 779 yards --- (3 ppm = ERPG-1)

THREAT AT POINT:
  Concentration Estimates at the point:
  Downwind: 270 yards                    Off Centerline: 1 yards
  Max Concentration:
     Outdoor: 26.7 ppm
     Indoor:  1.56 ppm
```

Time: October 26, 2007 0930 hours PDT (user specified)

Chemical Name: HYDROCHLORIC ACID
Solution Strength: 38% (by weight)

Hazardous Component: HYDROGEN CHLORIDE
Building Air Exchanges Per Hour: 0.43 (unsheltered double storied)

THREAT AT POINT:
Model Run: Gaussian
Concentration Estimates at the point:
Downwind: 270 yards Off Centerline: 1 yards
Max Concentration:
Outdoor: 26.7 ppm
Indoor: 1.56 ppm



—— Outdoor Concentration
—— Indoor Concentration
At Point: Downwind: 270 yards Off Centerline: 1 yards

SITE DATA:
Location: SAN JOSE, CALIFORNIA
Building Air Exchanges Per Hour: 0.43 (unsheltered double storied)
Time: October 26, 2007 0930 hours PDT (user specified)

CHEMICAL DATA:
Chemical Name: HYDROGEN Molecular Weight: 2.02 g/mol
TEEL-1: 145000 ppm TEEL-2: 280000 ppm TEEL-3: 500000 ppm
LEL: 40000 ppm UEL: 750000 ppm
Ambient Boiling Point: -423.0° F
Vapor Pressure at Ambient Temperature: greater than 1 atm
Ambient Saturation Concentration: 1,000,000 ppm or 100.0%

ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)
Wind: 3 meters/second from n at 3 meters
Ground Roughness: urban or forest Cloud Cover: 0 tenths
Air Temperature: 70° F Stability Class: D
No Inversion Height Relative Humidity: 50%

SOURCE STRENGTH:
Direct Source: 1.49 pounds Source Height: 0
Release Duration: 1 minute
Release Rate: 0.0248 pounds/sec
Total Amount Released: 1.49 pounds
Note: This chemical may flash boil and/or result in two phase flow.
Use both dispersion modules to investigate its potential behavior.

THREAT ZONE:
Threat Modeled: Overpressure (blast force) from vapor cloud explosion
Type of Ignition: ignited by spark or flame
Level of Congestion: uncongested
Model Run: Gaussian
No explosion: no part of the cloud is above the LEL at any time

THREAT AT POINT:
Overpressure Estimate at the point:
Downwind: 270 yards Off Centerline: 1 yards
There is no significant overpressure at the point selected.

SITE DATA:
Location: SAN JOSE, CALIFORNIA
Building Air Exchanges Per Hour: 0.43 (unsheltered double storied)
Time: October 26, 2007 0930 hours PDT (user specified)

CHEMICAL DATA:
Chemical Name: HYDROGEN CHLORIDE Molecular Weight: 36.46 g/mol
AEGL-1(60 min): 1.8 ppm AEGL-2(60 min): 22 ppm AEGL-3(60 min): 100 ppm
IDLH: 50 ppm
Ambient Boiling Point: -121.0° F
Vapor Pressure at Ambient Temperature: greater than 1 atm
Ambient Saturation Concentration: 1,000,000 ppm or 100.0%

ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)
Wind: 3 meters/second from n at 3 meters
Ground Roughness: urban or forest Cloud Cover: 0 tenths
Air Temperature: 70° F Stability Class: D
No Inversion Height Relative Humidity: 50%

SOURCE STRENGTH:
Direct Source: 6 pounds/min Source Height: 0
Release Duration: 10 minutes
Release Rate: 6 pounds/min
Total Amount Released: 60.0 pounds
Note: This chemical may flash boil and/or result in two phase flow.

THREAT ZONE:
Model Run: Heavy Gas
Red : 95 yards --- (150 ppm = ERPG-3)
Orange: 273 yards --- (20 ppm = ERPG-2)
Yellow: 741 yards --- (3 ppm = ERPG-1)

THREAT AT POINT:
Concentration Estimates at the point:
Downwind: 270 yards Off Centerline: 1 yards
Max Concentration:
Outdoor: 20.3 ppm
Indoor: 1.34 ppm

```
SITE DATA:
  Location: SAN JOSE, CALIFORNIA
  Building Air Exchanges Per Hour: 0.56 (unsheltered double storied)
  Time: October 26, 2007  0930 hours PDT (user specified)

CHEMICAL DATA:
  Chemical Name: HYDROGEN CHLORIDE       Molecular Weight: 36.46 g/mol
  AEGL-1(60 min): 1.8 ppm   AEGL-2(60 min): 22 ppm   AEGL-3(60 min): 100 ppm
  IDLH: 50 ppm
  Ambient Boiling Point: -121.0° F
  Vapor Pressure at Ambient Temperature: greater than 1 atm
  Ambient Saturation Concentration: 1,000,000 ppm or 100.0%

ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)
  Wind: 4 meters/second from n at 3 meters
  Ground Roughness: urban or forest      Cloud Cover: 0 tenths
  Air Temperature: 70° F                 Stability Class: D
  No Inversion Height                    Relative Humidity: 50%

SOURCE STRENGTH:
  Direct Source: 6 pounds/min            Source Height: 0
  Release Duration: 10 minutes
  Release Rate: 6 pounds/min
  Total Amount Released: 60.0 pounds
  Note: This chemical may flash boil and/or result in two phase flow.

THREAT ZONE:
  Model Run: Heavy Gas
  Red    : 83 yards --- (150 ppm = ERPG-3)
  Orange: 236 yards --- (20 ppm = ERPG-2)
  Yellow: 639 yards --- (3 ppm = ERPG-1)

THREAT AT POINT:
  Concentration Estimates at the point:
  Downwind: 270 yards                    Off Centerline: 1 yards
  Max Concentration:
     Outdoor: 15.4 ppm
     Indoor:  1.32 ppm
```

SITE DATA:
Location: SAN JOSE, CALIFORNIA
Building Air Exchanges Per Hour: 0.56 (unsheltered double storied)
Time: October 26, 2007 0930 hours PDT (user specified)

CHEMICAL DATA:
Chemical Name: HYDROCHLORIC ACID
Solution Strength: 38% (by weight)
Ambient Boiling Point: 112.3° F
Partial Pressure at Ambient Temperature: 0.29 atm
Ambient Saturation Concentration: 295,318 ppm or 29.5%
Hazardous Component: HYDROGEN CHLORIDE
Molecular Weight: 36.46 g/mol
AEGL-1(60 min): 1.8 ppm AEGL-2(60 min): 22 ppm AEGL-3(60 min): 100 ppm
IDLH: 50 ppm

ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)
Wind: 4 meters/second from n at 3 meters
Ground Roughness: urban or forest Cloud Cover: 0 tenths
Air Temperature: 70° F Stability Class: D
No Inversion Height Relative Humidity: 50%

SOURCE STRENGTH:
Evaporating Puddle
Puddle Area: 1000 square feet Puddle Mass: 3716 pounds
Ground Type: Concrete Ground Temperature: 70° F
Initial Puddle Temperature: Air temperature
Release Duration: ALOHA limited the duration to 1 hour
Max Average Sustained Release Rate: 40.6 pounds/min
(averaged over a minute or more)
Total Amount Hazardous Component Released: 393 pounds

THREAT AT POINT:
Concentration Estimates at the point:
Downwind: 270 yards Off Centerline: 1 yards
Max Concentration:
Outdoor: 19.6 ppm
Indoor: 1.5 ppm

```
SITE DATA:
  Location: SAN JOSE, CALIFORNIA
  Building Air Exchanges Per Hour: 0.43 (unsheltered double storied)
  Time: October 26, 2007  0930 hours PDT (user specified)

CHEMICAL DATA:
  Chemical Name: HYDROCHLORIC ACID
  Solution Strength: 38% (by weight)
  Ambient Boiling Point: 112.3° F
  Partial Pressure at Ambient Temperature: 0.29 atm
  Ambient Saturation Concentration: 295,318 ppm or 29.5%
  Hazardous Component: HYDROGEN CHLORIDE
  Molecular Weight: 36.46 g/mol
  AEGL-1(60 min): 1.8 ppm   AEGL-2(60 min): 22 ppm   AEGL-3(60 min): 100 ppm
  IDLH: 50 ppm

ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)
  Wind: 3 meters/second from w at 3 meters
  Ground Roughness: urban or forest      Cloud Cover: 0 tenths
  Air Temperature: 70° F                 Stability Class: D
  No Inversion Height                    Relative Humidity: 50%

SOURCE STRENGTH:
  Evaporating Puddle
  Puddle Area: 1000 square feet          Puddle Mass: 3716 pounds
  Ground Type: Concrete                  Ground Temperature: 70° F
  Initial Puddle Temperature: Air temperature
  Release Duration: ALOHA limited the duration to 1 hour
  Max Average Sustained Release Rate: 33.4 pounds/min
     (averaged over a minute or more)
  Total Amount Hazardous Component Released: 366 pounds

THREAT ZONE:
  Model Run: Gaussian
  Red    : 107 yards --- (150 ppm = ERPG-3)
  Orange: 314 yards --- (20 ppm = ERPG-2)
  Yellow: 779 yards --- (3 ppm = ERPG-1)

THREAT AT POINT:
  Concentration Estimates at the point:
  Downwind: 270 yards                    Off Centerline: 20 yards
  Max Concentration:
     Outdoor: 17.5 ppm
     Indoor:  1.02 ppm
```

```
SITE DATA:
  Location: SAN JOSE, CALIFORNIA
  Building Air Exchanges Per Hour: 0.43 (unsheltered double storied)
  Time: October 26, 2007  0930 hours PDT (user specified)

CHEMICAL DATA:
  Chemical Name: HYDROGEN CHLORIDE        Molecular Weight: 36.46 g/mol
  AEGL-1(60 min): 1.8 ppm   AEGL-2(60 min): 22 ppm   AEGL-3(60 min): 100 ppm
  IDLH: 50 ppm
  Ambient Boiling Point: -121.0° F
  Vapor Pressure at Ambient Temperature: greater than 1 atm
  Ambient Saturation Concentration: 1,000,000 ppm or 100.0%

ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)
  Wind: 3 meters/second from n at 3 meters
  Ground Roughness: urban or forest       Cloud Cover: 0 tenths
  Air Temperature: 70° F                  Stability Class: D
  No Inversion Height                     Relative Humidity: 50%

SOURCE STRENGTH:
  Direct Source: 6 pounds/min             Source Height: 0
  Release Duration: 10 minutes
  Release Rate: 6 pounds/min
  Total Amount Released: 60.0 pounds
  Note: This chemical may flash boil and/or result in two phase flow.

THREAT ZONE:
  Model Run: Heavy Gas
  Red    : 95 yards --- (150 ppm = ERPG-3)
  Orange: 273 yards --- (20 ppm = ERPG-2)
  Yellow: 741 yards --- (3 ppm = ERPG-1)

THREAT AT POINT:
  Concentration Estimates at the point:
  Downwind: 270 yards                     Off Centerline: 20 yards
  Max Concentration:
     Outdoor: 10.8 ppm
     Indoor:  0.712 ppm
```

SITE DATA:
Location: SAN JOSE, CALIFORNIA
Building Air Exchanges Per Hour: 0.43 (unsheltered double storied)
Time: October 26, 2007 1144 hours PDT (user specified)

CHEMICAL DATA:
Chemical Name: ACETYLENE Molecular Weight: 26.04 g/mol
TEEL-1: 2500 ppm TEEL-2: 2500 ppm TEEL-3: 6000 ppm
LEL: 25000 ppm UEL: 1000000 ppm
Ambient Boiling Point: -119.1° F
Vapor Pressure at Ambient Temperature: greater than 1 atm
Ambient Saturation Concentration: 1,000,000 ppm or 100.0%

ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)
Wind: 3 meters/second from n at 3 meters
Ground Roughness: urban or forest Cloud Cover: 5 tenths
Air Temperature: 70° F Stability Class: D
No Inversion Height Relative Humidity: 50%

SOURCE STRENGTH:
Direct Source: 8.3 pounds Source Height: 0
Release Duration: 1 minute
Release Rate: 0.138 pounds/sec
Total Amount Released: 8.30 pounds
Note: This chemical may flash boil and/or result in two phase flow.
Use both dispersion modules to investigate its potential behavior.

THREAT ZONE:
Threat Modeled: Overpressure (blast force) from vapor cloud explosion
Type of Ignition: ignited by spark or flame
Level of Congestion: uncongested
Model Run: Gaussian
No explosion: no part of the cloud is above the LEL at any time

THREAT AT POINT:
Overpressure Estimate at the point:
Downwind: 890 yards Off Centerline: 1 yards
There is no significant overpressure at the point selected.

```
SITE DATA:
  Location: SAN JOSE, CALIFORNIA
  Building Air Exchanges Per Hour: 0.43 (unsheltered double storied)
  Time: October 26, 2007  0930 hours PDT (user specified)

CHEMICAL DATA:
  Chemical Name: BUTANE                    Molecular Weight: 58.12 g/mol
  TEEL-1: 2400 ppm   TEEL-2: 4000 ppm      TEEL-3: 19000 ppm
  LEL: 15000 ppm     UEL: 90000 ppm
  Ambient Boiling Point: 30.8° F
  Vapor Pressure at Ambient Temperature: greater than 1 atm
  Ambient Saturation Concentration: 1,000,000 ppm or 100.0%

ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)
  Wind: 3 meters/second from n at 3 meters
  Ground Roughness: urban or forest        Cloud Cover: 0 tenths
  Air Temperature: 70° F                   Stability Class: D
  No Inversion Height                      Relative Humidity: 50%

SOURCE STRENGTH:
  Direct Source: 34.1 pounds               Source Height: 0
  Release Duration: 1 minute
  Release Rate: 0.568 pounds/sec
  Total Amount Released: 34.1 pounds
  Note: This chemical may flash boil and/or result in two phase flow.

THREAT ZONE:
  Threat Modeled: Overpressure (blast force) from vapor cloud explosion
  Type of Ignition: ignited by spark or flame
  Level of Congestion: uncongested
  Model Run: Heavy Gas
  Red    : LOC was never exceeded --- (8.0 psi = destruction of buildings)
  Orange: LOC was never exceeded --- (3.5 psi = serious injury likely)
  Yellow: LOC was never exceeded --- (1.0 psi = shatters glass)

THREAT AT POINT:
  Overpressure Estimate at the point:
  Downwind: 890 yards                      Off Centerline: 1 yards
  There is no significant overpressure at the point selected.
```

SITE DATA:
Location: SAN JOSE, CALIFORNIA
Building Air Exchanges Per Hour: 0.43 (unsheltered double storied)
Time: October 26, 2007 0930 hours PDT (user specified)

CHEMICAL DATA:
Chemical Name: METHANE Molecular Weight: 16.04 g/mol
TEEL-1: 3000 ppm TEEL-2: 5000 ppm TEEL-3: 25000 ppm
LEL: 44000 ppm UEL: 165000 ppm
Ambient Boiling Point: -258.8° F
Vapor Pressure at Ambient Temperature: greater than 1 atm
Ambient Saturation Concentration: 1,000,000 ppm or 100.0%

ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)
Wind: 3 meters/second from n at 3 meters
Ground Roughness: urban or forest Cloud Cover: 0 tenths
Air Temperature: 70° F Stability Class: D
No Inversion Height Relative Humidity: 50%

SOURCE STRENGTH:
Direct Source: 21.23 pounds Source Height: 0
Release Duration: 1 minute
Release Rate: 0.354 pounds/sec
Total Amount Released: 21.2 pounds
Note: This chemical may flash boil and/or result in two phase flow.
Use both dispersion modules to investigate its potential behavior.

THREAT ZONE:
Threat Modeled: Overpressure (blast force) from vapor cloud explosion
Type of Ignition: ignited by spark or flame
Level of Congestion: uncongested
Model Run: Gaussian
Red : LOC was never exceeded --- (8.0 psi = destruction of buildings)
Orange: LOC was never exceeded --- (3.5 psi = serious injury likely)
Yellow: LOC was never exceeded --- (1.0 psi = shatters glass)

THREAT AT POINT:
Overpressure Estimate at the point:
Downwind: 890 yards Off Centerline: 1 yards
There is no significant overpressure at the point selected.

SITE DATA:
  Location: SAN JOSE, CALIFORNIA
  Building Air Exchanges Per Hour: 0.43 (unsheltered double storied)
  Time: October 26, 2007 0930 hours PDT (user specified)

CHEMICAL DATA:
  Chemical Name: CHLOROFORM Molecular Weight: 119.38 g/mol
  ERPG-2: 50 ppm ERPG-3: 5000 ppm
  IDLH: 500 ppm
  Ambient Boiling Point: 142.1° F
  Vapor Pressure at Ambient Temperature: 0.22 atm
  Ambient Saturation Concentration: 218,689 ppm or 21.9%

ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)
  Wind: 3 meters/second from n at 3 meters
  Ground Roughness: urban or forest Cloud Cover: 0 tenths
  Air Temperature: 70° F Stability Class: D
  No Inversion Height Relative Humidity: 50%

SOURCE STRENGTH:
  Direct Source: .62 pounds/min Source Height: 0
  Release Duration: 10 minutes
  Release Rate: 0.62 pounds/min
  Total Amount Released: 6.20 pounds

THREAT ZONE:
  Model Run: Heavy Gas
  Red : 12 yards --- (5000 ppm = ERPG-3)
  Note: Threat zone was not drawn because effects of near-field patchiness
    make dispersion predictions less reliable for short distances.
  Orange: 24 yards --- (50 ppm = ERPG-2)
  Note: Threat zone was not drawn because effects of near-field patchiness
    make dispersion predictions less reliable for short distances.
  Yellow: 13 yards --- (500 ppm = IDLH)
  Note: Threat zone was not drawn because effects of near-field patchiness
    make dispersion predictions less reliable for short distances.

THREAT AT POINT:
  Concentration Estimates at the point:
  Downwind: 730 yards Off Centerline: 1 yards
  Max Concentration:
    Outdoor: 0.0967 ppm
    Indoor: 0.00657 ppm

SITE DATA:
Location: SAN JOSE, CALIFORNIA
Building Air Exchanges Per Hour: 0.43 (unsheltered double storied)
Time: October 26, 2007 0930 hours PDT (user specified)

CHEMICAL DATA:
Chemical Name: HYDROFLUORIC ACID
Solution Strength: 50% (by weight)
Ambient Boiling Point: 223.3° F
Partial Pressure at Ambient Temperature: 0.017 atm
Ambient Saturation Concentration: 17,441 ppm or 1.74%
Hazardous Component: HYDROGEN FLUORIDE
Molecular Weight: 20.01 g/mol
AEGL-1(60 min): 1 ppm AEGL-2(60 min): 24 ppm AEGL-3(60 min): 44 ppm
IDLH: 30 ppm

ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)
Wind: 3 meters/second from n at 3 meters
Ground Roughness: urban or forest Cloud Cover: 0 tenths
Air Temperature: 70° F Stability Class: D
No Inversion Height Relative Humidity: 50%

SOURCE STRENGTH:
Evaporating Puddle
Puddle Area: 100 square feet Puddle Mass: 444 pounds
Ground Type: Concrete Ground Temperature: 70° F
Initial Puddle Temperature: Ground temperature
Release Duration: ALOHA limited the duration to 1 hour
Max Average Sustained Release Rate: 0.141 pounds/min
(averaged over a minute or more)
Total Amount Hazardous Component Released: 8.05 pounds

THREAT ZONE:
Model Run: Gaussian
Red : 12 yards --- (50 ppm = ERPG-3)
Note: Threat zone was not drawn because effects of near-field patchiness make dispersion predictions less reliable for short distances.
Orange: 24 yards --- (20 ppm = ERPG-2)
Note: Threat zone was not drawn because effects of near-field patchiness make dispersion predictions less reliable for short distances.
Yellow: 85 yards --- (2 ppm = ERPG-1)

THREAT AT POINT:
Concentration Estimates at the point:
Downwind: 250 yards Off Centerline: 1 yards
Max Concentration:
Outdoor: 0.242 ppm
Indoor: 0.0785 ppm

SITE DATA:
Location: SAN JOSE, CALIFORNIA
Building Air Exchanges Per Hour: 0.43 (unsheltered double storied)
Time: October 26, 2007 0930 hours PDT (user specified)

CHEMICAL DATA:
Warning: NITRIC ACID can react with water and/or water vapor. This can affect the evaporation rate and downwind dispersion. ALOHA cannot accurately predict the air hazard if this substance comes in contact with water.
Chemical Name: NITRIC ACID
Solution Strength: 80% (by weight)
Ambient Boiling Point: 241.0° F
Partial Pressure at Ambient Temperature: 0.011 atm
Ambient Saturation Concentration: 11,238 ppm or 1.12%
Hazardous Component: NITRIC ACID, ANHYDROUS
Molecular Weight: 63.01 g/mol
ERPG-1: 1 ppm ERPG-2: 6 ppm ERPG-3: 78 ppm
IDLH: 25 ppm

ATMOSPHERIC DATA: (MANUAL INPUT OF DATA)
Wind: 3 meters/second from n at 3 meters
Ground Roughness: urban or forest Cloud Cover: 0 tenths
Air Temperature: 70° F Stability Class: D
No Inversion Height Relative Humidity: 50%

SOURCE STRENGTH:
Evaporating Puddle
Puddle Area: 10 square feet Puddle Mass: 23.5 pounds
Ground Type: Concrete Ground Temperature: 70° F
Initial Puddle Temperature: Ground temperature
Release Duration: ALOHA limited the duration to 1 hour
Max Average Sustained Release Rate: 0.0287 pounds/min
(averaged over a minute or more)
Total Amount Hazardous Component Released: 1.67 pounds

THREAT ZONE:
Model Run: Gaussian
Red : less than 10 meters(10.9 yards) --- (78 ppm = ERPG-3)
Note: Threat zone was not drawn because effects of near-field patchiness make dispersion predictions less reliable for short distances.
Orange: 12 yards --- (6 ppm = ERPG-2)
Note: Threat zone was not drawn because effects of near-field patchiness make dispersion predictions less reliable for short distances.
Yellow: 30 yards --- (1 ppm = ERPG-1)
Note: Threat zone was not drawn because effects of near-field patchiness make dispersion predictions less reliable for short distances.

THREAT AT POINT:
Concentration Estimates at the point:
Downwind: 457 yards Off Centerline: 1 yards
Max Concentration:
Outdoor: 0.00488 ppm
Indoor: 0.00159 ppm