



# SAFETY DATA SHEET

## SECTION 1 — IDENTIFICATION

**Product identifier:** AlbaChem® Super 88 Adhesive

**Product Number:** 1088

**Date Prepared:** February 23, 2015

**Recommended Use:** Adhesive

**Recommended Restrictions:** None Known

**Manufacturer's name and address:** Refer to supplier

**Supplier name and address:**

### ***ALBATROSS USA INC./EXPERT WORLDWIDE***

36-41 36<sup>th</sup> Street  
Long Island City, New York  
United States  
11106  
718-392-6272

5439 San Fernando Road West  
Los Angeles, California  
United States  
90039  
818-543-5850

**Emergency Telephone #:** Chemtrec (Day or Night) 800-424-9300  
(For Chemical Emergency: Spill, Leak, Fire, Exposure or Accident)

This MSDS complies with 29CFR 19190.1200 (Hazard Communication Standard) and WHMIS regulations.

**IMPORTANT:** Read this MSDS before handling and disposing of this product. Pass this information on to employees, customers, and users of this product.

## SECTION 2 — HAZARD(S) IDENTIFICATION

<b>Physical hazards</b>	Flammable aerosols	Category 1
<b>Health hazards</b>	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2A
	Sensitization, skin	Category 1
	Specific target organ toxicity, single exposure	Category 3 narcotic effects
	Aspiration hazard	Category 1
<b>Environmental hazards</b>	Not classified	
<b>OSHA defined hazards</b>	Not classified	

### Label Elements



**Signal word**

Danger

**Hazard statement**

Extremely flammable aerosol. May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness.

**Precautionary statement**

<b>Prevention</b>	Keep away from heat sparks/open flames/hot surfaces. No smoking. Do not spray on an open flame or other ignition source. Pressurized container. Do not pierce or burn, even after use. Avoid breathing gas. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear eye/face protection. Wear protective gloves.
<b>Response</b>	If swallowed: Immediately call a poison center/doctor. If on skin: Wash with plenty of water. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison center/doctor if you feel unwell. Specific treatment (see this label). Do NOT induce vomiting. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse.
<b>Storage</b>	Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
<b>Disposal</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Hazard(s) not otherwise classified (HNOC)</b>	None known.
<b>Supplemental Information</b>	None.

### SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

#### Mixtures

Chemical name	Common name and synonyms	CAS number	%
2-Methylpentane		107-83-5	10-20
Acetone		67-64-1	10-20
Cyclohexane		110-82-7	10-20
Dimethyl Ether		115-10-6	10-20
1,1-Difluoroethane		75-37-6	2.5-10
2,2-Dimethylbutane		75-83-2	2.5-10
2,3-Dimethylbutane		79-29-8	2.5-10
3-Methylpentane		96-14-0	2.5-10
Butane		106-97-8	2.5-10
Propane		74-98-6	2.5-10
Other components below reportable levels			10-20

\*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

### SECTION 4 — FIRST AID MEASURES

<b>Inhalation</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
<b>Skin contact</b>	Remove contaminated clothing. Wash off with soap and plenty of water. If skin irritation occurs: Get medical advice/attention.
<b>Eye contact</b>	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Aspiration may cause pulmonary edema and pneumonitis.
<b>Most important symptoms/effects, acute and delayed</b>	Irritation of eyes and mucous membranes. May cause drowsiness or dizziness.

**Indication of immediate medical attention and special treatment needed**

Provide general supportive measures and treat symptomatically.

**General information**

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. If you feel unwell, seek medical advice (show the label where possible). Wash contaminated clothing before reuse.

## SECTION 5 — FIRE FIGHTING MEASURES

**Suitable extinguishing media  
unsuitable extinguishing media**

Alcohol resistant foam. Water. Dry powder. Carbon dioxide (CO<sub>2</sub>).  
None known.

**Specific hazards arising from the chemical**

Contents under pressure. Pressurized container may explode when exposed to heat or flame.

**Special protective equipment and precautions for firefighters**

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

**Fire-fighting equipment/instructions**

Move containers from fire area if you can do so without risk. Use water spray to cool unopened containers. Containers should be cooled with water to prevent vapour pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

**Specific methods**

Use standard firefighting procedures and consider the hazards of other involved materials. Move container from fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. In the event of fire and/or explosion do not breathe fumes.

**General fire hazards**

Extremely flammable aerosol.

## SECTION 6 — ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate personal protective equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

**Methods and material for containment and cleaning up**

Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles wood, paper, oil, etc.) away from spilled material. Stop leak if you can do so without risk, move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Collect spillage. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water. For waste disposal, see section 13 of the SDS.

**Environmental precautions**

Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

## SECTION 7 — HANDLING AND STORAGE

**Precautions for safe handling**

Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Ground and bond containers when transferring material. Do not re-use empty containers. Avoid breathing gas. Avoid contact with skin. Avoid contact with eyes. Avoid prolonged exposure. Use only in well-ventilated areas. Observe good industrial hygiene practices. Wash hands thoroughly after handling. Do not empty into drains.

**Conditions for safe storage,**

Store locked up. Pressurized container. Protect from sunlight and do not expose to

**including any incompatibilities** temperatures exceeding 50°C/122°F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Refrigeration recommended. Store away from incompatible materials (see Section 10 of the SDS). Level 3 Aerosol.

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## SECTION 8 — EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational exposure limits

#### US. OSHA Specially Regulated Substances (29 CFR 1910.1001-1050)

Components	Type	Value
Dimethyl Ether (CAS 115-10-6)	STEL	2 ppm
	TWA	0.75 ppm

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
Acetone (CAS 67-64-1)	PEL	2400 mg/m <sup>3</sup>
		1000 ppm
Cyclohexane (CAS 110-82-7)	PEL	1050 mg/m <sup>3</sup>
		300 ppm
Propane (CAS 74-98-6)	PEL	1800 mg/m <sup>3</sup>
		1000 ppm

#### US. ACGIH Threshold Limit Values

Components	Type	Value
2,2-Dimethylbutane (CAS 75-83-2)	STEL	1000 ppm
	TWA	500 ppm
2,3-Dimethylbutane (CAS 79-29-8)	STEL	1000 ppm
	TWA	500 ppm
2-Methylpentane (CAS 107-83-5)	STEL	1000 ppm
	TWA	500 ppm
3-Methylpentane (CAS 96-14-0)	STEL	1000 ppm
	TWA	500 ppm

#### US. ACGIH Threshold Limit Values

Components	Type	Value
Acetone (CAS 67-64-1)	STEL	750 ppm
	TWA	500 ppm
Butane (CAS 106-97-8)	STEL	1000 ppm
Cyclohexane (CAS 110-82-7)	TWA	100 ppm
Dimethyl Ether (CAS 115-10-6)	Ceiling	0.3 ppm

#### US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Acetone (CAS 67-64-1)	TWA	590 mg/m <sup>3</sup>
		250 ppm
Butane (CAS 106-97-8)	TWA	1900 mg/m <sup>3</sup>
		800 ppm
Cyclohexane (CAS 110-82-7)	TWA	1050 mg/m <sup>3</sup>
		300 ppm
Dimethyl Ether (CAS 115-10-6)	Ceiling	0.1 ppm

	TWA	0.016 ppm
Propane (CAS 74-98-6)	TWA	1800 mg/m <sup>3</sup>
		1000 ppm

**US. Workplace Environmental Exposure Level (WEEL) Guide**

<b>Components</b>	<b>Type</b>	<b>Value</b>
1,1-Difluoroethane (CAS 75-37-6)	TWA	2700 mg/m <sup>3</sup>
		1000 ppm
Dimethyl Ether (CAS 115-10-6)	TWA	1880 mg/m <sup>3</sup>
		1000 ppm

**Biological limit values****ACGIH Biological Exposure Indices**

<b>Components</b>	<b>Value</b>	<b>Determinant</b>	<b>Specimen</b>	<b>Sampling Time</b>
Acetone (CAS 67-64-1)	50 mg/l	Acetone	Urine	*

\* - For sampling details, please see the source document.

**Appropriate engineering controls**

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.

**Individual protection measures, such as personal protective equipment**

<b>Eye/face protection</b>	Wear eye/face protection. Wear safety glasses with side shields (or goggles).
<b>Hand protection</b>	Wear protective gloves.
<b>Skin protection</b>	
<b>Other</b>	Wear appropriate chemical resistant clothing.
<b>Respiratory protection</b>	If permissible levels are exceeded use NIOSH mechanical filter/organic vapour cartridge or an air-supplied respirator.
<b>Thermal hazards</b>	Wear appropriate thermal protective clothing, when necessary.
<b>General hygiene</b>	When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking.
<b>Considerations</b>	Routinely wash work clothing and protective equipment to remove contaminants.

**SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES****Appearance**

<b>Physical state</b>	Gas.
<b>Form</b>	Aerosol
<b>Color</b>	Not available.
<b>Odor</b>	Not available.
<b>Odor Threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	137.44°F (58.58°C) estimated
<b>Flash point</b>	-156.0°F (-104.4°C) propellant estimated
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit – lower (%)</b>	2.6% estimated

<b>Flammability limit – upper (%)</b>	12.1% estimated
<b>Explosive limit – lower (%)</b>	Not available.
<b>Explosive limits – upper (%)</b>	Not available.
<b>Vapor pressure</b>	274.73 psig @ 70F estimated
<b>Vapor density</b>	Not available.
<b>Relative density</b>	Not available.
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	651.22°F (344.01°C) estimated
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Other information</b>	
<b>Specific gravity</b>	0.664 estimated

## SECTION 10 — STABILITY AND REACTIVITY

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Possibility of hazardous Reactions</b>	Hazardous polymerization does not occur.
<b>Conditions to avoid</b>	Avoid temperatures exceeding the flash point.
<b>Incompatible materials</b>	Strong oxidizing agents, Fluorine, Chlorine Nitrates.
<b>Hazardous Decomposition products</b>	No hazardous decomposition products are known.

## SECTION 11 — TOXICOLOGICAL PROPERTIES

### Information on likely routes of exposure

<b>Ingestion</b>	May be fatal if swallowed and enters airways.
<b>Inhalation</b>	May be fatal if swallowed and enters airways. Prolonged inhalation may be harmful. Narcotic effects.
<b>Skin contact</b>	Causes skin irritation.
<b>Eye contact</b>	Causes serious eye irritation.
<b>Symptoms related to the physical, chemical and toxicological characteristics</b>	Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. Irritant effects.

### Information on toxicological effects

<b>Acute toxicity</b>	May be fatal if swallowed and enters airways. Narcotic effect.
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Components	Species	Test Results
1,1-Difluoroethane (CAS 75-37-6)		
<b>Acute</b>		
<i>Inhalation</i>		
LC50	Rat	44 – 437500 %, 4 hours
Acetone (CAS 67-64-1)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Guinea pig	>7426 mg/kg, 24 Hours
	Rabbit	>9.4 ml/kg, 24 Hours
		>7426 mg/kg, 24 Hours
		>9.4 ml/kg, 24 Hours
<i>Inhalation</i>		
LC50	Rat	55700 ppm, 3 Hours

		132 mg/l, 3 Hours 50.1 mg/l
<i>Oral</i> LD50	Rat	5800 mg/kg 2.2 ml/kg
Butane (CAS 106-97-8) <b>Acute</b> <i>Inhalation</i> LC50	Mouse  Rat	1237 mg/l, 120 Minutes 52%, 120 Minutes 1355 mg/l
Cyclohexane (CAS 110-82-7) <b>Acute</b> <i>Dermal</i> LD50 <i>Inhalation</i> LC50	Rabbit  Rat	>2000 mg/kg  >32880 mg/m <sup>3</sup> , 4 hours >5540 ppm, 4 Hours
Dimethyl Ether (CAS 115-10-6) <b>Acute</b> <i>Inhalation</i> NOEL	Rat	2 ppm, 6 Hours
<i>Oral</i> LD50	Rat	460 mg/kg
Propane (CAS 74-98-6) <b>Acute</b> <i>Inhalation</i> LC50	Mouse  Rat	1237 mg/l, 120 Minutes 52%, 120 Minutes 1355 mg/l 658 mg/l/4h

\*Estimates for product may be based on additional component data not shown.

<b>Skin corrosion/irritation</b>	Causes skin irritation.
<b>Serious eye damage/eye Irritation</b>	Causes serious eye irritation.
<b>Respiratory or skin sensitization</b>	
<b>Respiratory sensitization</b>	Not available.
<b>Skin sensitization</b>	This product is not expected to cause skin sensitization.
<b>Germ cell mutagenicity</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
<b>Carcinogenicity</b>	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
<b>OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)</b>	Not listed.
<b>Reproductive toxicity</b>	This product is not expected to cause reproductive or developmental effects.
<b>Specific target organ toxicity - single exposure</b>	Narcotic effects.
<b>Specific target organ toxicity - repeated exposure</b>	Not classified.
<b>Aspiration hazard</b>	May be fatal if swallowed and enters airways.
<b>Chronic effects</b>	Prolonged inhalation may be harmful.

## SECTION 12 — ECOLOGICAL INFORMATION

**Ecotoxicity**

Toxic to aquatic life with long lasting effects. Accumulation in aquatic organisms is expected.

<b>Components</b>		<b>Species</b>	<b>Test Results</b>
Acetone (CAS 67-64-1)			
<b>Aquatic</b>			
Crustacea	EC50	Water flea (Daphnia magna)	21.6-23.9 mg/l, 48 hours
Fish	LC50	Rainbow trout, Donaldson trout (Oncorhynchus mykiss)	4740-6330 mg/l, 96 hours
Cyclohexane (CAS 110-82-7)			
<b>Aquatic</b>			
Fish	LC50	Fathead minnow (Pimephales promelas)	23.03-42.07 mg/l, 96 hours
Dimethyl Ether (CAS 115-10-6)			
<b>Aquatic</b>			
Crustacea	EC50	Water flea (Daphnia pulex)	4.3-7.8 mg/l, 48 hours
Fish	LC50	Striped bass (Morone saxatilis)	10.302-16.743 mg/l, 96 hours

\* Estimates for product may be based on additional component data not shown.

**Persistence and degradability**

No data is available on the degradability of this product.

**Bioaccumulative potential**

No data available.

**Partition coefficient n-octanol/water (log Kow)**

1,1-Difluoroethane	0.75
2,2-Dimethylbutane	3.82
2,3-Dimethylbutane	3.42
2-Methylpentane	3.74
3-Methylpentane	3.6
Acetone	-0.24
Butane	2.89
Cyclohexane	3.44
Dimethyl Ether	0.1
Propane	2.36

**Mobility in soil**

No data available.

**Other adverse effects**

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## SECTION 13 — DISPOSAL CONSIDERATIONS

**Disposal instructions**

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. This material and its container must be disposed of as hazardous waste. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

**Local disposal regulations**

Dispose in accordance with all applicable regulations.

**Hazardous waste code**

The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**US RCRA Hazardous Waste U List: Reference**

Acetone (CAS 67-64-1)	U002
Cyclohexane (CAS 110-82-7)	U056

**Waste from residues/unused products**

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (See: Disposal instructions).

**Contaminated packaging**

Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue,



follow label warnings even after container is emptied. Do no re-use empty containers.

## SECTION 14 — TRANSPORTATION INFORMATION

### DOT

<b>UN number</b>	UN1950
<b>UN proper Shipping name</b>	Aerosols, flammable
<b>Transport hazard class(es)</b>	
<b>Class</b>	2.1
<b>Subsidiary risk</b>	--
<b>Label(s)</b>	2.1
<b>Packing group</b>	Not applicable
<b>Special precaution for user</b>	Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling.
<b>Special provisions</b>	N82
<b>Packaging exceptions</b>	306
<b>Packaging non bulk</b>	None
<b>Packaging bulk</b>	None

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity – ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking and both may be displayed concurrently.

### IATA

<b>UN number</b>	UN1950
<b>UN proper shipping name</b>	Aerosols, flammable
<b>Transport hazard class(es)</b>	
<b>Class</b>	2.1
<b>Subsidiary risk</b>	--
<b>Label(s)</b>	2.1
<b>Packing group</b>	Not applicable.
<b>Environmental hazards</b>	Yes
<b>ERG Code</b>	10L
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling.
<b>Other information</b>	
<b>Passenger and cargo Aircraft</b>	Allowed.
<b>Cargo aircraft only</b>	Allowed.
<b>Packaging Exceptions</b>	LTD QTY

### IMDG

<b>UN number</b>	UN1950
<b>UN proper shipping name</b>	AEROSOLS
<b>Transport hazard class(es)</b>	
<b>Class</b>	2.1
<b>Subsidiary risk</b>	--
<b>Label(s)</b>	2.1
<b>Packing group</b>	Not applicable.
<b>Environmental hazards</b>	
<b>Marine pollutant</b>	Yes
<b>EmS</b>	Not available.
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling.
<b>Packaging Exceptions</b>	LTD QTY
<b>Transport in bulk according to</b>	Not applicable.

**DOT**



**IATA; IMDG**



**Marine pollutant**



**General information**

IMDG Regulated Marine Pollutant.

**SECTION 15 — REGULATORY INFORMATION**

**US federal regulations**

This product is a “Hazardous Chemical” as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**TSCA Section 12(b) Export Notification (40 CFR 707, Supt. D)**

Not regulated.

**CERCLA Hazardous Substance List (40 CFR 302.4)**

Acetone (CAS 67-64-1)                      Listed.  
 Cyclohexane (CAS 110-82-7)              Listed.

**SARA 304 Emergency release notification**

Not regulated.

**OSHA Specifically Regulated Substance (29 CFR 1910.1001-1050)**

Not listed.

**Superfund Amendments and Reauthorization Act of (1986 (SARA)**

**Hazard categories**  
 Immediate Hazard – Yes  
 Delayed Hazard – No  
 Fire Hazard – Yes  
 Pressure Hazard – No  
 Reactivity Hazard – No

**SARA 302 Extremely hazardous substance**

Chemical Name	CAS number	Reportable	Threshold	Threshold	Threshold
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		Quantity	planning quantity	planning quantity, lower value	planning quantity, upper value
Phenol	108-95-2	1000		500 lbs	10000 lbs

**SARA 311/312 Hazardous Chemical** No

**SARA 313 (TRI reporting)**

Chemical name	CAS number	% by wt.
Cyclohexane	110-82-7	10 – 20
Ethyl Benzene	100-41-4	0.01-0.1
Styrene	100-42-5	0.01-0.1

**Other federal regulations**

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

1,1-Difluoroethane (CAS 75-37-6)

Butane (CAS 106-97-8)

Dimethyl Ether (CAS 115-10-6)

Propane (CAS 74-98-6)

**Safe Drinking Water Act (SDWA)** Not regulated.

**Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number**

Acetone (CAS 67-64-1) 6532

**Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))**

Acetone (CAS 67-64-1) 35% WV

**DEA Exempt Chemical Mixtures Code Number**

Acetone (CAS 67-64-1) 6532

**US state regulations**

**US. Massachusetts RTK – Substance List**

1,1-Difluoroethane (CAS 75-37-6)

2,2-Dimethylbutane (CAS 75-83-2)

2,3-Dimethylbutane (CAS 79-29-8)

2-Methylpentane (CAS 107-83-5)

3-Methylpentane (CAS 96-14-0)

Acetone (CAS 67-64-1)

Butane (CAS 106-97-8)

Cyclohexane (CAS 110-82-7)

Dimethyl Ether (CAS 115-10-6)

Propane (CAS 74-98-6)

**US. New Jersey Worker and Community Right-to-Know Act**

1,1-Difluoroethane (CAS 75-37-6)

2,2-Dimethylbutane (CAS 75-83-2)

2,3-Dimethylbutane (CAS 79-29-8)

2-Methylpentane (CAS 107-83-5)

3-Methylpentane (CAS 96-14-0)

Acetone (CAS 67-64-1)

Butane (CAS 106-97-8)

Cyclohexane (CAS 110-82-7)

Dimethyl Ether (CAS 115-10-6)

Propane (CAS 74-98-6)

**US. Pennsylvania Worker and Community Right-to-Know Law**

2,2-Dimethylbutane (CAS 75-83-2)

2,3-Dimethylbutane (CAS 79-29-8)

2-Methylpentane (CAS 107-83-5)  
 3-Methylpentane (CAS 96-14-0)  
 Acetone (CAS 67-64-1)  
 Butane (CAS 106-97-8)  
 Cyclohexane (CAS 110-82-7)  
 Dimethyl Ether (CAS 115-10-6)  
 Propane (CAS 74-98-6)

**US. Rhode Island RTK**

1,1-Difluoroethane (CAS 75-37-6)  
 Acetone (CAS 67-64-1)  
 Butane (CAS 106-97-8)  
 Cyclohexane (CAS 110-82-7)  
 Dimethyl Ether (CAS 115-10-6)  
 Propane (CAS 74-98-6)

**US. California Proposition 65**

WARNING – This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

**US – California Proposition 65 – CRT: Listed date/Carcinogenic substance**

Ethyl Benzene (CAS 100-41-4) Listed: June 11, 2004

**International Inventories**

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substance (AICS)	No
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\* A “Yes” indicates that all components of this product comply with the inventory requirements administered by the governing country(s). A “No” indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

**SECTION 16 — OTHER INFORMATION**

The information in the sheet was written based on the best knowledge and experience currently available. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.