

# SAFETY DATA SHEET

## 1. Identification

<b>Product identifier</b>	<b>AD47 - Air Intake Cleaner</b>
<b>Other means of identification</b>	Not available.
<b>Recommended use</b>	Air intake system cleaner.
<b>Recommended restrictions</b>	None known.
<b>Manufacturer / Importer / Supplier / Distributor information</b>	
<b>Manufacturer/Supplier</b>	Granitize Products, Inc. 11022 Vulcan Street South Gate, CA 90280-0893 US (562) 923-5438
<b>Telephone:</b>	(562) 923-5438
<b>Emergency</b>	CHEMTREC: (800) 424-9300 CHEMTREC International: 00 1-703-527-3887

## 2. Hazard(s) identification

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

### Label elements



<b>Signal word</b>	Danger	
<b>Hazard statement</b>	Highly flammable liquid and vapor. Causes serious eye irritation. May cause drowsiness or dizziness. Causes skin irritation. May be fatal if swallowed and enters airways. Suspected of causing cancer.	
<b>Precautionary statement</b>		
<b>Prevention</b>	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing vapors. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.	
<b>Response</b>	If swallowed: Immediately call a poison center/doctor. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. If exposed or concerned: Get medical advice/attention. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell.	
<b>Storage</b>	Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store locked up.	
<b>Disposal</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.	
<b>Hazard(s) not otherwise classified (HNOC)</b>	Not classified.	
<b>Environmental hazards</b>	Hazardous to the aquatic environment, long-term hazard	Category 3
<b>Supplemental information</b>		
<b>Hazard statement</b>	Harmful to aquatic life with long lasting effects.	
<b>Precautionary statement</b>		
<b>Prevention</b>	Avoid release to the environment.	

### 3. Composition/information on ingredients

#### Mixtures

Chemical name	CAS number	%
2-Propanol	67-63-0	<40
Xylene	1330-20-7	<30
2-Butoxyethanol	111-76-2	<20
Distillates (petroleum), hydrotreated light	64742-47-8	<20
Ethylbenzene	100-41-4	<10
Oleic acid	112-80-1	<5
2-Aminoethanol	141-43-5	<3
1,2,4-Trimethylbenzene	95-63-6	<1

**Composition comments** All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

#### 4. First-aid measures

<b>Inhalation</b>	Move into fresh air and keep at rest. If breathing stops, provide artificial respiration. Get medical attention if any discomfort continues.
<b>Skin contact</b>	Flush thoroughly with water for at least 15 minutes. Wash skin with soap and water. Get medical attention if irritation develops and persists.
<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. Get medical attention if irritation persists after washing.
<b>Ingestion</b>	Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs. Get medical attention.
<b>Most important symptoms/effects, acute and delayed</b>	Causes serious eye irritation. Causes skin irritation. May cause drowsiness or dizziness. Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.
<b>Indication of immediate medical attention and special treatment needed</b>	In case of shortness of breath, give oxygen. Keep victim warm.
<b>General information</b>	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital.

#### 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Extinguish with alcohol-resistant foam, carbon dioxide or dry powder.
<b>Unsuitable extinguishing media</b>	Do not use a solid water stream as it may scatter and spread fire.
<b>Specific hazards arising from the chemical</b>	The product is highly flammable, and explosive vapor/air mixtures may be formed even at normal room temperatures. During fire, gases hazardous to health may be formed. Solvent vapors may form explosive mixtures with air.
<b>Special protective equipment and precautions for firefighters</b>	Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire-fighting equipment/instructions</b>	In case of fire and/or explosion do not breathe fumes. Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask. If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also consider initial evacuation for 800 meters (1/2 mile) in all directions. ALWAYS stay away from tanks engulfed in flame. Withdraw immediately in case of rising sound from venting safety devices or any discoloration of tanks due to fire. Fight fire from maximum distance or use unmanned hose holders or monitor nozzles. Move containers from fire area if you can do it without risk. For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible, withdraw from area and let fire burn.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Local authorities should be advised if significant spillages cannot be contained. Stay upwind. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak. Ventilate closed spaces before entering. Use personal protection recommended in Section 8 of the SDS.

### Methods and materials for containment and cleaning up

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop the flow of material, if this is without risk. Prevent entry into waterways, sewers, basements or confined areas. Keep combustibles (wood, paper, oil, etc.) away from spilled material. This product is miscible in water.

Large Spills: Dike the spilled material, where this is possible. Following product recovery, flush area with water. Cover with plastic sheet to prevent spreading. Absorb spillage with non-combustible, absorbent material.

Small Spills: Clean surface thoroughly to remove residual contamination.

Never return spills in original containers for re-use.

### Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not contaminate water.

## 7. Handling and storage

### Precautions for safe handling

The product is highly flammable, and explosive vapor/air mixtures may be formed even at normal room temperatures. Do not handle or store near an open flame, heat or other sources of ignition. Do not smoke. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Use only in well-ventilated areas. Avoid prolonged exposure. Wash thoroughly after handling. Handle and open container with care.

### Conditions for safe storage, including any incompatibilities

Follow rules for flammable liquids. Keep away from heat, sparks and open flame. Store in cool place. Keep in a well-ventilated place. Keep container tightly closed. Keep in an area equipped with sprinklers. Keep this material away from food, drink and animal feed. Use care in handling/storage. Keep away from sources of ignition - No smoking.

## 8. Exposure controls/personal protection

### Occupational exposure limits

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

Components	Type	Value
2-Aminoethanol (CAS 141-43-5)	PEL	6 mg/m <sup>3</sup>
2-Butoxyethanol (CAS 111-76-2)	PEL	3 ppm 240 mg/m <sup>3</sup>
2-Propanol (CAS 67-63-0)	PEL	50 ppm 980 mg/m <sup>3</sup>
Ethylbenzene (CAS 100-41-4)	PEL	400 ppm 435 mg/m <sup>3</sup>
Xylene (CAS 1330-20-7)	PEL	100 ppm 435 mg/m <sup>3</sup> 100 ppm

#### US. ACGIH Threshold Limit Values

Components	Type	Value
2-Aminoethanol (CAS 141-43-5)	STEL	6 ppm
2-Butoxyethanol (CAS 111-76-2)	TWA	3 ppm
2-Propanol (CAS 67-63-0)	TWA	20 ppm
Ethylbenzene (CAS 100-41-4)	STEL	400 ppm
Xylene (CAS 1330-20-7)	TWA	200 ppm
	TWA	20 ppm
	STEL	150 ppm
	TWA	100 ppm

## US NIOSH Pocket Guide to Chemical Hazards: Recommended exposure limit (REL)

Components	Type	Value
2-Aminoethanol (CAS 141-43-5)	TWA	8 mg/m3 3 ppm
2-Butoxyethanol (CAS 111-76-2)	TWA	24 mg/m3 5 ppm
2-Propanol (CAS 67-63-0)	TWA	980 mg/m3 400 ppm
Distillates (petroleum), hydrotreated light (CAS 64742-47-8)	TWA	100 mg/m3
Ethylbenzene (CAS 100-41-4)	TWA	435 mg/m3 100 ppm
Xylene (CAS 1330-20-7)	TWA	435 mg/m3 100 ppm

## US NIOSH Pocket Guide to Chemical Hazards: Short Term Exposure Limit (STEL)

Components	Type	Value
2-Aminoethanol (CAS 141-43-5)	STEL	15 mg/m3 6 ppm
2-Propanol (CAS 67-63-0)	STEL	1225 mg/m3 500 ppm
Ethylbenzene (CAS 100-41-4)	STEL	545 mg/m3 125 ppm
Xylene (CAS 1330-20-7)	STEL	655 mg/m3 150 ppm

## Biological limit values

### ACGIH Biological Exposure Indices

Components	Value	Determinant	Specimen	Sampling Time
2-Butoxyethanol (CAS 111-76-2)	200 mg/g	Butoxyacetic acid (BAA), with hydrolysis	Creatinine in urine	*
2-Propanol (CAS 67-63-0)	40 mg/l	Acetone	Urine	*
Ethylbenzene (CAS 100-41-4)	0.7 g/g	Sum of mandelic acid and phenylglyoxylic acid	Creatinine in urine	*
Xylene (CAS 1330-20-7)	1.5 g/g	Methylhippuric acids	Creatinine in urine	*

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

**Exposure guidelines** Follow standard monitoring procedures.

### US - California OELs: Skin designation

2-Butoxyethanol (CAS 111-76-2) Can be absorbed through the skin.

### US - Minnesota Haz Subs: Skin designation applies

2-Butoxyethanol (CAS 111-76-2) Skin designation applies.

### US - Tennessee OELs: Skin designation

2-Butoxyethanol (CAS 111-76-2) Can be absorbed through the skin.

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

2-Butoxyethanol (CAS 111-76-2) Can be absorbed through the skin.

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

2-Butoxyethanol (CAS 111-76-2) Can be absorbed through the skin.

### Appropriate engineering controls

Explosion proof exhaust ventilation should be used. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof equipment. Provide easy access to water supply or an emergency shower.

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

**Eye/face protection** Wear chemical goggles.

<b>Skin protection</b>	
<b>Hand protection</b>	Wear protective gloves. Be aware that the liquid may penetrate the gloves. Frequent change is advisable. Suitable gloves can be recommended by the glove supplier.
<b>Other</b>	Wear appropriate chemical resistant clothing. Wear appropriate chemical resistant gloves. Protective shoes or boots. Structural firefighters protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations. Wear chemical protective equipment that is specifically recommended by the Personal Protective Equipment manufacturer.
<b>Respiratory protection</b>	Use a NIOSH/MSHA approved air purifying respirator as needed to control exposure. Consult with respirator manufacturer to determine respirator selection, use, and limitations. Use positive pressure, air-supplied respirator for uncontrolled releases or when air purifying respirator limitations may be exceeded. Follow respirator protection program requirements (OSHA 1910.134 and ANSI Z88.2) for all respirator use.
<b>Thermal hazards</b>	Wear appropriate thermal protective clothing, when necessary.
<b>General hygiene considerations</b>	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and immediately after handling the product. When using, do not eat, drink or smoke. Launder contaminated clothing before reuse. Remove and isolate contaminated clothing and shoes.

## 9. Physical and chemical properties

<b>Appearance</b>	Clear yellow liquid.
<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid.
<b>Color</b>	Clear yellow.
<b>Odor</b>	Mild odor.
<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>	> 166.82 °F (> 74.9 °C)
<b>Flash point</b>	59.0 °F (15.0 °C)
<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>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Vapor density</b>	Heavier than air.
<b>Relative density</b>	0.843
<b>Solubility(ies)</b>	Negligible in water.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Other information</b>	
<b>VOC (Weight %)</b>	< 76 %

## 10. Stability and reactivity

<b>Reactivity</b>	The product is non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability</b>	Stable under normal temperature conditions. Risk of explosion. Risk of ignition.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization does not occur.
<b>Conditions to avoid</b>	Heat, flames and sparks.

<b>Incompatible materials</b>	Strong oxidizing agents.
<b>Hazardous decomposition products</b>	Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Ingestion</b>	Swallowing or vomiting of the liquid may result in aspiration into the lungs.
<b>Inhalation</b>	Vapors may cause drowsiness and dizziness.
<b>Skin contact</b>	May cause skin irritation. Defats the skin.
<b>Eye contact</b>	Causes serious eye irritation.

**Symptoms related to the physical, chemical and toxicological characteristics** Causes serious eye irritation. Causes skin irritation. Vapors may cause drowsiness and dizziness. Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.

### Information on toxicological effects

**Acute toxicity** Not classified.

Components	Species	Test Results
2-Aminoethanol (CAS 141-43-5)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	1025 mg/kg
<i>Oral</i>		
LD50	Rat	1720 mg/kg
2-Butoxyethanol (CAS 111-76-2)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	400 mg/kg
<i>Inhalation</i>		
LC50	Rat	450 mg/l, 4 Hours
<i>Oral</i>		
LD50	Rat	560 mg/kg
2-Propanol (CAS 67-63-0)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	12800 mg/kg
<i>Inhalation</i>		
LC50	Rat	16000 ppm, 8 Hours
<i>Oral</i>		
LD50	Rat	5045 mg/kg
Distillates (petroleum), hydrotreated light (CAS 64742-47-8)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	> 2000 mg/kg
<i>Inhalation</i>		
LC50	Rat	> 5.28 mg/l, 4 hours
<i>Oral</i>		
LD50	Rat	> 5000 mg/kg
Ethylbenzene (CAS 100-41-4)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	> 5000 mg/kg
<i>Oral</i>		
LD50	Rat	5.46 g/kg
Oleic acid (CAS 112-80-1)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Guinea pig	> 3000 mg/kg

Components	Species	Test Results
Oral LD50	Rat	74 g/kg
Xylene (CAS 1330-20-7)		
<b>Acute</b>		
Oral LD50	Rat	4300 mg/kg
<b>Skin corrosion/irritation</b>	Causes skin irritation.	
<b>Serious eye damage/eye irritation</b>	Causes serious eye irritation.	
<b>Respiratory sensitization</b>	Not classified.	
<b>Skin sensitization</b>	Not a skin sensitizer.	
<b>Germ cell mutagenicity</b>	Not classified.	
<b>Carcinogenicity</b>	Suspected of causing cancer.	
<b>IARC Monographs. Overall Evaluation of Carcinogenicity</b>		
2-Butoxyethanol (CAS 111-76-2)	3 Not classifiable as to carcinogenicity to humans.	
Ethylbenzene (CAS 100-41-4)	2B Possibly carcinogenic to humans.	
Xylene (CAS 1330-20-7)	3 Not classifiable as to carcinogenicity to humans.	
<b>Reproductive toxicity</b>	Not classified.	
<b>Specific target organ toxicity - single exposure</b>	May cause drowsiness or dizziness.	
<b>Specific target organ toxicity - repeated exposure</b>	Not classified.	
<b>Aspiration hazard</b>	Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.	
<b>Chronic effects</b>	Prolonged or repeated contact may dry skin and cause dermatitis.	

## 12. Ecological information

**Ecotoxicity** Harmful to aquatic life with long lasting effects.

Components	Species	Test Results
2-Aminoethanol (CAS 141-43-5)		
EC50	Selenastrum capricornutum (new name Pseudokirchnerella subca	2.5 mg/l, 48 hours
<b>Aquatic</b>		
Crustacea	Daphnia magna	65 mg/l, 48 hours
Fish	Cyprinus carpio	349 mg/l, 96 hours
	Goldfish (Carassius auratus)	170 mg/l, 96 hours
2-Propanol (CAS 67-63-0)		
<b>Aquatic</b>		
Algae	Algae	> 1000 mg/l, 24 Hours
Crustacea	Daphnia	5102 mg/l, 24 Hours
Fish	Fathead minnow (Pimephales promelas)	9640 mg/l, 96 Hours
Ethylbenzene (CAS 100-41-4)		
<b>Aquatic</b>		
Crustacea	Water flea (Daphnia magna)	1 - 4 mg/l, 48 hours
Fish	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	4 mg/l, 96 hours
Xylene (CAS 1330-20-7)		
<b>Aquatic</b>		
Fish	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	8 mg/l, 96 Hours

**Persistence and degradability** Not available.

### Bioaccumulative potential

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

2-Aminoethanol (CAS 141-43-5)	-1.31
2-Propanol (CAS 67-63-0)	0.05

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

2-Butoxyethanol (CAS 111-76-2)	0.83
Ethylbenzene (CAS 100-41-4)	3.15
Xylene (CAS 1330-20-7)	3.2

<b>Mobility in soil</b>	This product has very low solubility in water and low mobility in the environment.
<b>Other adverse effects</b>	The product is a volatile organic compound which has a photochemical ozone creation potential.

### 13. Disposal considerations

<b>Disposal instructions</b>	Dispose of this material and its container at hazardous or special waste collection point. Do not incinerate sealed containers. Do not allow this material to drain into sewers/water supplies. Dispose in accordance with all applicable regulations.
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<b>Hazardous waste code</b>	D001: Waste Flammable material with a flash point <140 °F Waste codes should be assigned by the user based on the application for which the product was used.
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**US RCRA Hazardous Waste U List: Reference**

Xylene (CAS 1330-20-7)	U239
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<b>Waste from residues / unused products</b>	Dispose of in accordance with local regulations.
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<b>Contaminated packaging</b>	Dispose of in accordance with local regulations. Empty containers should be taken to an approved waste handling site for recycling or disposal.
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### 14. Transport information

**DOT**

<b>UN number</b>	UN1993
<b>UN proper shipping name</b>	Flammable liquids, n.o.s. (2-Propanol, Xylene)
<b>Transport hazard class(es)</b>	3
<b>Subsidiary class(es)</b>	-
<b>Packing group</b>	II
<b>Environmental hazards</b>	
<b>Marine pollutant</b>	No
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>Special provisions</b>	IB2, T7, TP1, TP8, TP28
<b>Packaging exceptions</b>	150
<b>Packaging non bulk</b>	202
<b>Packaging bulk</b>	242

**IATA**

<b>UN number</b>	UN1993
<b>UN proper shipping name</b>	Flammable liquid, n.o.s. (2-Propanol, Xylene)
<b>Transport hazard class(es)</b>	3
<b>Subsidiary class(es)</b>	-
<b>Packaging group</b>	II
<b>Environmental hazards</b>	No
<b>Labels required</b>	3
<b>ERG Code</b>	3H
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.

**IMDG**

<b>UN number</b>	UN1993
<b>UN proper shipping name</b>	Flammable liquids, n.o.s. (2-Propanol, Xylene)
<b>Transport hazard class(es)</b>	3
<b>Subsidiary class(es)</b>	-
<b>Packaging group</b>	II
<b>Environmental hazards</b>	
<b>Marine pollutant</b>	No
<b>Labels required</b>	3
<b>EmS</b>	F-E, S-E
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.

<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	This substance/mixture is not intended to be transported in bulk.
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### 15. Regulatory information

<b>US federal regulations</b>	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.
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**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Not listed.

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

2-Propanol (CAS 67-63-0)	LISTED
Ethylbenzene (CAS 100-41-4)	LISTED
Xylene (CAS 1330-20-7)	LISTED

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

<b>Hazard categories</b>	Immediate Hazard - Yes
	Delayed Hazard - Yes
	Fire Hazard - Yes
	Pressure Hazard - No
	Reactivity Hazard - No

<b>SARA 302 Extremely hazardous substance</b>	No
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<b>SARA 311/312 Hazardous chemical</b>	Yes
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**SARA 313 (TRI reporting)**

Chemical name	CAS number	% by wt.
2-Propanol	67-63-0	<40
Xylene	1330-20-7	<30
Ethylbenzene	100-41-4	<10

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

Ethylbenzene (CAS 100-41-4)  
Xylene (CAS 1330-20-7)

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

Not regulated.

<b>Safe Drinking Water Act (SDWA)</b>	Not regulated.
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<b>Food and Drug Administration (FDA)</b>	Not regulated.
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<b>US state regulations</b>	WARNING: This product contains a chemical known to the State of California to cause cancer.
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**US. Massachusetts RTK - Substance List**

2-Aminoethanol (CAS 141-43-5)  
2-Butoxyethanol (CAS 111-76-2)  
2-Propanol (CAS 67-63-0)  
Distillates (petroleum), hydrotreated light (CAS 64742-47-8)  
Ethylbenzene (CAS 100-41-4)  
Xylene (CAS 1330-20-7)

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

2-Propanol (CAS 67-63-0)	500 lbs
Distillates (petroleum), hydrotreated light (CAS 64742-47-8)	10000 lbs
Ethylbenzene (CAS 100-41-4)	500 lbs
Xylene (CAS 1330-20-7)	500 lbs

**US. Pennsylvania RTK - Hazardous Substances**

2-Aminoethanol (CAS 141-43-5)  
2-Butoxyethanol (CAS 111-76-2)  
2-Propanol (CAS 67-63-0)  
Distillates (petroleum), hydrotreated light (CAS 64742-47-8)  
Ethylbenzene (CAS 100-41-4)  
Oleic acid (CAS 112-80-1)  
Xylene (CAS 1330-20-7)

**US. Rhode Island RTK**

2-Butoxyethanol (CAS 111-76-2)  
2-Propanol (CAS 67-63-0)  
Ethylbenzene (CAS 100-41-4)  
Xylene (CAS 1330-20-7)

**US. California Proposition 65****US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance**

Ethylbenzene (CAS 100-41-4)

## International Inventories

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

\*A "Yes" indicates this product complies 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).

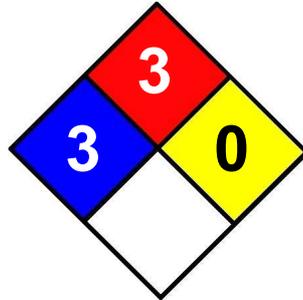
## 16. Other information, including date of preparation or last revision

**Issue date** 17-October-2013

**Revision date** -

**Version #** 01

### NFPA Ratings



### Disclaimer

This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.