



Material Safety Data Sheet

PARANOX

HEALTH	*	2
FLAMMABILITY		3
PHYSICAL HAZARD		0
PERSONAL PROTECTION		

1. Product and Company Identification

Material name	PARANOX
Patent Number	Not available
Version No.	4
CAS #	Mixture
Manufacturer information	Clearwater International L.L.C. 100 Leetsdale Industrial Drive Leetsdale, PA 15056 US CHEMTREC 1-800-424-9300/703-527-3887
Emergency	CHEMTREC 1-800-424-9300/703-527-3887
Supplier information	Universal Well Services, Inc. 18360 Technology Drive Meadville, PA 16335 US

2. Hazards Identification

Emergency overview	Will be easily ignited by heat, spark or flames. Avoid prolonged contact with eyes, skin and clothing.
OSHA regulatory status	This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).
Potential health effects	
Routes of exposure	Inhalation. Ingestion. Skin contact. Eye contact.
Eyes	Do not get this material in contact with eyes.
Skin	Do not get this material in contact with skin.
Inhalation	Toxic by inhalation. Prolonged inhalation may be harmful. May cause cancer by inhalation. Do not breathe dust/fume/gas/mist/vapors/spray.
Ingestion	Harmful if swallowed. May cause delayed lung damage. Do not ingest. Components of the product may be absorbed into the body by ingestion.
Target organs	Kidney. 2-Butoxy ethanol may be absorbed through the skin in toxic amounts if contact is repeated and prolonged and may cause blood damage. These effects have not been observed in humans.
Chronic effects	Blood. Central nervous system. Eyes. Liver. Lungs. Respiratory system. Skin. This product may be harmful if it is absorbed through the skin. Unconsciousness. Shortness of breath. Edema. Jaundice. Cyanosis. Liver injury may occur. Kidney injury may occur. May cause central nervous system disorder (e.g., narcosis involving a loss of coordination, weakness, fatigue, mental confusion, and blurred vision) and/or damage. May cause delayed lung damage.





Signs and symptoms	Unconsciousness. Discomfort in the chest. Shortness of breath. Narcosis. Cyanosis. Decrease in motor functions. Behavioral changes. Cough. Edema. Liver enlargement. Jaundice. Proteinuria.
Potential environmental effects	Components of this product are hazardous to aquatic life. May cause long-term adverse effects in the environment.

3. Composition / Information on Ingredients

Components	CAS #	Percent
Glycol Ethers	111-76-2	5 - 10
Toluene	108-88-3	40 - 70
Xylenes (o-, m-, p- isomers)	1330-20-7	30 - 60
2-Ethylhexanol	104-76-7	3 - 7
Ethylbenzene	100-41-4	15 - 40

4. First Aid Measures

First aid procedures

Eye contact

Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops or persists.

Skin contact

Wash off with soap and water. Get medical attention if irritation develops or persists.

Inhalation

If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention immediately.

Ingestion

If swallowed, seek medical advice immediately and show this container or label. Do not induce vomiting without medical advice.

Notes to physician

In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

General advice

If exposed or concerned: get medical attention/advice. In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire Fighting Measures

Flammable properties

Flammable by OSHA criteria. Containers may explode when heated. Runoff to sewer may cause fire or explosion hazard.

Extinguishing media**Suitable extinguishing media**

Foam. Dry chemical. Carbon dioxide (CO₂).

Unsuitable extinguishing media

Do not use a solid water stream as it may scatter and spread fire.

Protection of firefighters**Specific hazards arising from the chemical**

Fire may produce irritating, corrosive and/or toxic gases.



**Protective equipment and precautions for firefighters**

In the event 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. Fight fire from maximum distance or use unmanned hose holders or monitor nozzles. Withdraw immediately in case of rising sound from venting safety devices or any discoloration of tanks due to fire. 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**

Fully encapsulating, vapor protective clothing should be worn for spills and leaks with no fire. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering. Keep unnecessary personnel away. Stay upwind. Keep out of low areas.

**Environmental precautions
Methods for containment**

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

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Prevent entry into waterways, sewers, basements or confined areas.

Methods for cleaning up

Should not be released into the environment.

Large Spills: Dike far ahead of liquid spill for later disposal. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean contaminated surface thoroughly.

Never return spills in original containers for re-use.

7. Handling and Storage**Handling**

Do not handle or store near an open flame, heat or other sources of ignition. All equipment used when handling the product must be grounded. Do not breathe vapors or spray mist. Use only with adequate ventilation. Wash thoroughly after handling. Avoid prolonged exposure.

Storage

Store in a closed container away from incompatible materials.

8. Exposure Controls / Personal Protection**Exposure limits****ACGIH****Components****CAS #****TWA****STEL****Ceiling**

Toluene	108-88-3	20 ppm	Not established	Not established
Xylenes (o-, m-, p- isomers)	1330-20-7	100 ppm	150 ppm	Not established
Ethylbenzene	100-41-4	100 ppm	125 ppm	Not established
Glycol Ethers	111-76-2	20 ppm	Not established	Not established



**OSHA**

Components	CAS #	TWA	STEL	Ceiling
Toluene	108-88-3	200 ppm	Not established	300 ppm
Xylenes (o-, m-, p- isomers)	1330-20-7	100 ppm	Not established	Not established
Ethylbenzene	100-41-4	100 ppm	Not established	Not established
Glycol Ethers	111-76-2	50 ppm	Not established	Not established

Engineering controls

Ensure adequate ventilation, especially in confined areas.

Personal protective equipment**Eye / face protection**

Wear chemical goggles. Face-shield.

Skin protection

Wear chemical protective equipment that is specifically recommended by the manufacturer. It may provide little or no thermal protection. Protective gloves. Impervious gloves.

Respiratory protection

Wear positive pressure self-contained breathing apparatus (SCBA). When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

General hygiene considerations

Avoid contact with eyes. Avoid contact with skin. When using do not eat or drink. Keep away from food and drink. Handle in accordance with good industrial hygiene and safety practice. Wash hands after handling and before eating. Avoid contact with clothing.

9. Physical & Chemical Properties

Appearance	Liquid.
Color	clear - cloudy, light yellow
Odor	aromatic
Odor threshold	Not available
Physical state	Liquid.
Form	Liquid.
pH	5 - 8
Melting point	-85 °F (-65.46 °C) estimated
Freezing point	Not available
Boiling point	264.2 °F (129 °C) estimated
Flash point	81 °F (27.2 °C)
Evaporation rate	Not available
Flammability	Not available.
Flammability limits in air, upper, % by volume	Not available
Flammability limits in air, lower, % by volume	Not available
Vapor pressure	Not available
Vapor density	Not available
Specific gravity	0.855 - 0.885
Relative density	0.8699 g/cm ³ estimated
Solubility (water)	Not available





Partition coefficient (n-octanol/water)	Not available
Auto-ignition temperature	856.4 °F (458 °C) estimated
Decomposition temperature	Not available
VOC	93.92 % estimated

10. Chemical Stability & Reactivity Information

Chemical stability	Risk of ignition. Stable at normal conditions.
Conditions to avoid	Heat, flames and sparks.
Incompatible materials	May form explosive mixtures with air. Strong oxidizing agents. Caustics.
Hazardous decomposition products	May include oxides of sulphur. May include oxides of phosphorus.
Possibility of hazardous reactions	Hazardous polymerization does not occur.

11. Toxicological Information

Acute effects	Acute LD50: 1126 mg/kg estimated, Rat, Oral Acute LD50: 2063 mg/kg estimated, Rat, Dermal Acute LC50: 16 mg/l/4h estimated, Rat, Inhalation
----------------------	---

Component analysis - LD50

Toxicology Data - Selected LD50s and LC50s

2-Ethylhexanol	104-76-7	Oral LD50 Rat: 1516-2774 mg/kg
Ethylbenzene	100-41-4	Inhalation LC50 Rat: 17.2 mg/L/4H; Oral LD50 Rat:3500 mg/kg; Dermal LD50 Rabbit:15354 mg/kg
Glycol Ethers	111-76-2	Inhalation LC50 Rat: 2.21 mg/L/4H; Inhalation LC50 Rat:450 ppm/4H; Oral LD50 Rat:470 mg/kg; Dermal LD50 Rat:2270 mg/kg; Dermal LD50 Rabbit:220 mg/kg
Toluene	108-88-3	Inhalation LC50 Rat: 12.5 mg/L/4H; Inhalation LC50 Rat:>26700 ppm/1H; Oral LD50 Rat:636 mg/kg; Dermal LD50 Rabbit:8390 mg/kg; Dermal LD50 Rat:12124 mg/kg
Xylenes (o-, m-, p- isomers)	1330-20-7	Inhalation LC50 Rat: 5000 ppm/4H; Oral LD50 Rat: 4300 mg/kg; Dermal LD50 Rabbit: >1700 mg/kg

Sensitization	Not expected to be hazardous by OSHA criteria.
Local effects	Liver toxicity. Blood disorder may occur after ingestion.
Chronic effects	Hazardous by OSHA criteria. This product may be harmful if it is absorbed through the skin. Repeated absorption may cause disorder of central nervous system, liver, kidneys and blood. Prolonged or repeated exposure may cause lung injury. Prolonged exposure may cause chronic effects.

2-Butoxy ethanol may be absorbed through the skin in toxic amounts if contact is repeated and prolonged. These effects have not been observed in humans.

Subchronic effects	Kidney injury may occur. Blood disorder may occur after ingestion. Blood disorder may occur after prolonged inhalation. Blood disorder may occur after prolonged skin contact.
---------------------------	--

Carcinogenicity	Hazardous by OSHA criteria.
------------------------	-----------------------------

ACGIH - Threshold Limits Values - Carcinogens

Ethylbenzene	100-41-4	A3 - Confirmed animal carcinogen with unknown relevance to humans
Glycol Ethers	111-76-2	A3 - Confirmed animal carcinogen with unknown relevance to humans
Toluene	108-88-3	A4 - Not Classifiable as a Human Carcinogen
Xylenes (o-, m-, p- isomers)	1330-20-7	A4 - Not Classifiable as a Human Carcinogen

Neurological effects	Hazardous by OSHA criteria.
-----------------------------	-----------------------------

Further information	Symptoms may be delayed.
----------------------------	--------------------------





12. Ecological Information

Ecotoxicity

LC50 19.82 mg/L estimated, Fish, 96.00 Hours,
EC50 9.7 mg/L estimated, Daphnia, 48.00 Hours,
IC50 33.64 mg/L estimated, Algae, 72.00 Hours,

Ecotoxicity - Freshwater Algae Data

2-Ethylhexanol	104-76-7	72 Hr EC50 Scenedesmus subspicatus: 11.5 mg/L
Ethylbenzene	100-41-4	72 Hr EC50 Selenastrum capricornutum: 4.6 mg/L; 96 Hr EC50 Selenastrum capricornutum: >438 mg/L
Toluene	108-88-3	96 Hr EC50 Selenastrum capricornutum: >433 mg/L

Ecotoxicity - Freshwater Fish Species Data

2-Ethylhexanol	104-76-7	96 Hr LC50 Oncorhynchus mykiss: 32 mg/L [static]; 96 Hr LC50 Pimephales promelas: 27-29.5 mg/L [flow-through]; 96 Hr LC50 Pimephales promelas: 29.7 mg/L [static]
Ethylbenzene	100-41-4	96 Hr LC50 Oncorhynchus mykiss: 14.0 mg/L [static]; 96 Hr LC50 Pimephales promelas: 9.09 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 150.0 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 4.2 mg/L [static]; 96 Hr LC50 Lepomis macrochirus: 32 mg/L [static]; 96 Hr LC50 Pimephales promelas: 48.5 mg/L [static]; 96 Hr LC50 Poecilia reticulata: 9.6 mg/L [static]
Glycol Ethers	111-76-2	96 Hr LC50 Lepomis macrochirus: 1490 mg/L [static]
Toluene	108-88-3	96 Hr LC50 Pimephales promelas: 25 mg/L [flow-through] (1 day old); 96 Hr LC50 Oncorhynchus mykiss: 24.0 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 24.0 mg/L [static]; 96 Hr LC50 Lepomis macrochirus: 13 mg/L [static]
Xylenes (o-, m-, p- isomers)	1330-20-7	96 Hr LC50 Pimephales promelas: 13.4 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: 8.05 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 16.1 mg/L [flow-through]; 96 Hr LC50 Pimephales promelas: 26.7 mg/L [static]

Ecotoxicity - Microtox Data

Ethylbenzene	100-41-4	30 min EC50 Photobacterium phosphoreum: 9.68 mg/L; 24 Hr EC50 Nitrosomonas: 96 mg/L
Toluene	108-88-3	30 min EC50 Photobacterium phosphoreum: 19.7 mg/L
Xylenes (o-, m-, p- isomers)	1330-20-7	24 hr EC50 Photobacterium phosphoreum: 0.0084 mg/L

Ecotoxicity - Water Flea Data

2-Ethylhexanol	104-76-7	48 Hr EC50 Daphnia magna: 39 mg/L
Ethylbenzene	100-41-4	48 Hr EC50 Daphnia magna: 1.8-2.4 mg/L
Glycol Ethers	111-76-2	24 Hr EC50 water flea: 1720 mg/L; 24 Hr LC50 Daphnia magna: 1698-1940 mg/L
Toluene	108-88-3	48 Hr EC50 water flea: 11.3 mg/L; 48 Hr EC50 water flea: 310 mg/L; 48 Hr EC50 Daphnia magna: 11.3 mg/L
Xylenes (o-, m-, p- isomers)	1330-20-7	48 Hr EC50 water flea: 3.82 mg/L; 48 Hr LC50 Gammarus lacustris: 0.6 mg/L





Environmental effects Harmful to aquatic life.

Ecotoxicity - Freshwater Algae Data

2-Ethylhexanol	104-76-7	72 Hr EC50 Scenedesmus subspicatus: 11.5 mg/L
Ethylbenzene	100-41-4	72 Hr EC50 Selenastrum capricornutum: 4.6 mg/L; 96 Hr EC50 Selenastrum capricornutum: >438 mg/L
Toluene	108-88-3	96 Hr EC50 Selenastrum capricornutum: >433 mg/L

Ecotoxicity - Freshwater Fish Species Data

2-Ethylhexanol	104-76-7	96 Hr LC50 Oncorhynchus mykiss: 32 mg/L [static]; 96 Hr LC50 Pimephales promelas: 27-29.5 mg/L [flow-through]; 96 Hr LC50 Pimephales promelas: 29.7 mg/L [static]
Ethylbenzene	100-41-4	96 Hr LC50 Oncorhynchus mykiss: 14.0 mg/L [static]; 96 Hr LC50 Pimephales promelas: 9.09 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 150.0 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 4.2 mg/L [static]; 96 Hr LC50 Lepomis macrochirus: 32 mg/L [static]; 96 Hr LC50 Pimephales promelas: 48.5 mg/L [static]; 96 Hr LC50 Poecilia reticulata: 9.6 mg/L [static]
Glycol Ethers	111-76-2	96 Hr LC50 Lepomis macrochirus: 1490 mg/L [static]
Toluene	108-88-3	96 Hr LC50 Pimephales promelas: 25 mg/L [flow-through] (1 day old); 96 Hr LC50 Oncorhynchus mykiss: 24.0 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 24.0 mg/L [static]; 96 Hr LC50 Lepomis macrochirus: 13 mg/L [static]
Xylenes (o-, m-, p- isomers)	1330-20-7	96 Hr LC50 Pimephales promelas: 13.4 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: 8.05 mg/L [flow-through]; 96 Hr LC50 Lepomis macrochirus: 16.1 mg/L [flow-through]; 96 Hr LC50 Pimephales promelas: 26.7 mg/L [static]

Ecotoxicity - Microtox Data

Ethylbenzene	100-41-4	30 min EC50 Photobacterium phosphoreum: 9.68 mg/L; 24 Hr EC50 Nitrosomonas: 96 mg/L
Toluene	108-88-3	30 min EC50 Photobacterium phosphoreum: 19.7 mg/L
Xylenes (o-, m-, p- isomers)	1330-20-7	24 hr EC50 Photobacterium phosphoreum: 0.0084 mg/L

Ecotoxicity - Water Flea Data

2-Ethylhexanol	104-76-7	48 Hr EC50 Daphnia magna: 39 mg/L
Ethylbenzene	100-41-4	48 Hr EC50 Daphnia magna: 1.8-2.4 mg/L
Glycol Ethers	111-76-2	24 Hr EC50 water flea: 1720 mg/L; 24 Hr LC50 Daphnia magna: 1698-1940 mg/L
Toluene	108-88-3	48 Hr EC50 water flea: 11.3 mg/L; 48 Hr EC50 water flea: 310 mg/L; 48 Hr EC50 Daphnia magna: 11.3 mg/L
Xylenes (o-, m-, p- isomers)	1330-20-7	48 Hr EC50 water flea: 3.82 mg/L; 48 Hr LC50 Gammarus lacustris: 0.6 mg/L

13. Disposal Considerations

Waste codes D001: Waste Flammable material with a flash point <140 F

U.S. - RCRA (Resource Conservation & Recovery Act) - U Series Wastes - Acutely Toxic Wastes & Other Hazardous Characteristics

Toluene	108-88-3	waste number U220
Xylenes (o-, m-, p- isomers)	1330-20-7	waste number U239 (Ignitable waste, Toxic waste)

Disposal instructions

Dispose of this material and its container at hazardous or special waste collection point. Do not allow this material to drain into sewers/water supplies. If discarded, this product is considered a RCRA ignitable waste, D001. Incinerate the material under controlled conditions in an approved incinerator. Do not incinerate sealed containers. Dispose in accordance with all applicable regulations.

**14. Transport Information****Department of Transportation (DOT) Requirements****Basic shipping requirements:**

Proper shipping name	Flammable liquids, n.o.s. (Toluene, XYLENES (O-, M-, P-ISOMERS))
Hazard class	3
UN number	UN1993
Packing group	III
Additional information:	
Special provisions	IB2, T7, TP1, TP8, TP28
Packaging exceptions	150
Packaging non bulk	202
Packaging bulk	242
ERG number	128

**Department of Transportation (DOT) Requirements****Bulk****Basic shipping requirements:**

Proper shipping name	Flammable liquids, n.o.s. (Toluene, XYLENES (O-, M-, P-ISOMERS))
Hazard class	3
UN number	UN1993
Packing group	III
Additional information:	
Special provisions	IB2, T7, TP1, TP8, TP28
Packaging exceptions	150
Packaging non bulk	202
Packaging bulk	242
ERG number	128

**Canadian Transportation of Dangerous Goods (TDG) Requirements****Basic shipping requirements:**

Proper shipping name	FLAMMABLE LIQUID, N.O.S. (Toluene, XYLENES (O-, M-, P-ISOMERS))
Hazard class	3
UN number	UN1993
Packing group	III
Additional information:	
Special provisions	16
ERG number	128



**IMDG****Basic shipping requirements:**

Proper shipping name	FLAMMABLE LIQUID, N.O.S. (Toluene, XYLENES (O-, M-, P- ISOMERS))
Hazard class	3
Subsidiary hazard class	•
UN number	1993
Packing group	III

**IATA****Basic shipping requirements:**

Proper shipping name	Flammable liquid, n.o.s. (Toluene, XYLENES (O-, M-, P- ISOMERS))
Hazard class	3
UN number	1993
Packing group	III

**15. Regulatory Information****Labelling**

Contains 2-Ethylhexanol, Ethylbenzene, Glycol Ethers, Toluene, Xylenes (o-, m-, p- isomers)

US federal regulations

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.

FEMA (Flavor and Extract Manufacturers Association) - FEMA Numbers

2-Ethylhexanol 104-76-7 3151

U.S. - CERCLA/SARA - Section 313 - Emission Reporting

Ethylbenzene 100-41-4 0.1 % de minimis concentration

Glycol Ethers 111-76-2 1.0 % de minimis concentration (applies to R-(OCH₂CH₂)_n-OR', where n = 1,2, or 3, R=alkyl C7 or less, or R = phenyl or alkyl substituted phenyl, R' = H or alkyl C7 or less, or OR' consisting of carboxylic acid ester, sulfate, phosphate, nitrate, or sulfonate, Chemical Category N230)

Toluene 108-88-3 1.0 % de minimis concentration

Xylenes (o-, m-, p- isomers) 1330-20-7 1.0 % de minimis concentration

U.S. - FDA - Direct Food Additives

Glycol Ethers 111-76-2 21 CFR 173.315

Occupational Safety and Health Administration (OSHA)

29 CFR 1910.1200 hazardous chemical Yes

CERCLA (Superfund) reportable quantity

Toluene: 1000.0000

Xylenes (o-, m-, p- isomers): 100.0000

Ethylbenzene: 1000.0000





Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories	Immediate Hazard - Yes Delayed Hazard - Yes Fire Hazard - Yes Pressure Hazard - No Reactivity Hazard - No
Section 302 extremely hazardous substance	No
Section 311 hazardous chemical	Yes

Inventory status

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)	No
Europe	European Inventory of New and Existing Chemicals (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)	Yes
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)

International regulations

Canada - WHMIS - Ingredient Disclosure List

2-Ethylhexanol	104-76-7	1 %
Ethylbenzene	100-41-4	0.1 %
Glycol Ethers	111-76-2	1 %
Toluene	108-88-3	1 %

IARC - Group 2B (Possibly Carcinogenic to Humans)

Ethylbenzene	100-41-4	Monograph 77 [2000]
--------------	----------	---------------------



**State regulations**

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

U.S. - California - Proposition 65 - Carcinogens List

Ethylbenzene 100-41-4 carcinogen, initial date 6/11/04

U.S. - California - Proposition 65 - Developmental Toxicity

Toluene 108-88-3 developmental toxicity, initial date 1/1/91

U.S. - Massachusetts - Right To Know List

2-Ethylhexanol 104-76-7 Present

Ethylbenzene 100-41-4 Present

Glycol Ethers 111-76-2 Present

Toluene 108-88-3 Present

Xylenes (o-, m-, p- isomers) 1330-20-7 Present

U.S. - Minnesota - Hazardous Substance List

Ethylbenzene 100-41-4 Present

Glycol Ethers 111-76-2 Skin

Toluene 108-88-3 Skin

Xylenes (o-, m-, p- isomers) 1330-20-7 Present (includes all isomers)

U.S. - New Jersey - Right to Know Hazardous Substance List

Ethylbenzene 100-41-4 sn 0851

Glycol Ethers 111-76-2 sn 0275

Toluene 108-88-3 sn 1866

Xylenes (o-, m-, p- isomers) 1330-20-7 sn 2014

U.S. - Pennsylvania - RTK (Right to Know) List

2-Ethylhexanol 104-76-7 Present

Ethylbenzene 100-41-4 Environmental hazard

Glycol Ethers 111-76-2 Present

Toluene 108-88-3 Environmental hazard

Xylenes (o-, m-, p- isomers) 1330-20-7 Environmental hazard

U.S. - Rhode Island - Hazardous Substance List

Ethylbenzene 100-41-4 Toxic; Flammable

Glycol Ethers 111-76-2 Toxic (skin)

Toluene 108-88-3 Toxic (skin); Flammable (skin)

Xylenes (o-, m-, p- isomers) 1330-20-7 Toxic (skin); Flammable (skin)

U.S. - Texas - Effects Screening Levels - Long Term

2-Ethylhexanol 104-76-7 14 ppb ESL (odor); 74 µg/m3 ESL (odor)

Ethylbenzene 100-41-4 46 ppb ESL (odor); 200 µg/m3 ESL (odor)

Glycol Ethers 111-76-2 5 ppb ESL; 24 µg/m3 ESL

Toluene 108-88-3 50 ppb ESL; 188 µg/m3 ESL

Xylenes (o-, m-, p- isomers) 1330-20-7 85 ppb ESL (odor); 370 µg/m3 ESL (odor)

U.S. - Texas - Effects Screening Levels - Short Term

2-Ethylhexanol 104-76-7 140 ppb ESL (odor); 740 µg/m3 ESL (odor)

Ethylbenzene 100-41-4 460 ppb ESL (odor); 2000 µg/m3 ESL (odor)

Glycol Ethers 111-76-2 50 ppb ESL; 240 µg/m3 ESL

Toluene 108-88-3 500 ppb ESL; 1880 µg/m3 ESL

Xylenes (o-, m-, p- isomers) 1330-20-7 850 ppb ESL (odor); 3700 µg/m3 ESL (odor)

16. Other Information**HMIS® ratings**

Health: 2*
Flammability: 3
Physical hazard: 0

NFPA ratings

Health: 2
Flammability: 3
Instability: 0





Prepared by

Amanda L. Ruston
4420 South Flores Road
Elmendorf, Texas 78112
210-626-0850

Disclaimer

THIS PRODUCT'S HEALTH AND SAFETY INFORMATION IS PROVIDED TO ASSIST OUR CUSTOMERS IN ASSESSING COMPLIANCE WITH HEALTH, SAFETY AND ENVIRONMENTAL REGULATIONS. THE INFORMATION CONTAINED HEREIN IS BASED ON DATA AVAILABLE TO US, AND IS BELIEVED TO BE ACCURATE, ALTHOUGH NO GUARANTEE OR WARRANTY IS PROVIDED OR IMPLIED BY THE COMPANY IN THIS RESPECT. SINCE THE USE OF THIS PRODUCT IS WITHIN THE EXCLUSIVE CONTROL OF THE USER, IT IS THE USER'S RESPONSIBILITY TO DETERMINE THE CONDITIONS OF SAFE USE. SUCH CONDITIONS MUST COMPLY WITH ALL GOVERNMENTAL REGULATIONS.

