

# Material Safety Data Sheet

EXTREME

## 1. Product and company identification

Product name	EXTREME	Validation date	7/23/2010.
Material uses	Floor Finish	Print date	7/23/2010.
In case of emergency	1-800-843-6174	Responsible name	Regulatory Affairs Department
Supplier	Lower Huron Supply Company 5595 Treadwell P.O. Box 459 Wayne, MI 48184 Phone: 734-721-3601		

Hazardous Material Information System (U.S.A.)

Health	* 1	HAZARD RATING
Flammability	0	4 = Extreme
Physical hazards	0	3 = High
Personal protection	B	2 = Moderate
		1 = Slight
		0 = Insignificant

A = Goggles B = Goggles & Gloves C = Goggles, Gloves & Apron

## 2. Hazards identification

Emergency overview CONTAINS MATERIAL THAT MAY CAUSE TARGET ORGAN DAMAGE, BASED ON ANIMAL DATA.  
Contains material that may cause target organ damage, based on animal data.

### Potential acute health effects due to overexposure

Inhalation	No known significant effects or critical hazards.
Ingestion	No known significant effects or critical hazards.
Skin	No known significant effects or critical hazards.
Eyes	No known significant effects or critical hazards.

### Potential chronic health effects due to overexposure

Carcinogenicity	No known significant effects or critical hazards.
Mutagenicity	No known significant effects or critical hazards.
Teratogenicity	No known significant effects or critical hazards.
Developmental effects	No known significant effects or critical hazards.
Fertility effects	No known significant effects or critical hazards.

See toxicological information (section 8)

## 3. Composition/information on ingredients

Name	CAS number	%
(2-methoxymethylethoxy)propanol	34590-94-8	1 - 5
2-(2-ethoxyethoxy)ethanol	111-90-0	1 - 5
dibutyl phthalate	84-74-2	1 - 5

SARA 313 (Form R - Reporting requirements)

Product name	CAS number	Concentration
2-(2-ethoxyethoxy)ethanol	111-90-0	3.1216 - 3.1532
dibutyl phthalate	84-74-2	1.0812

SARA 313 notifications must not be detached from the MSDS and any copying and redistribution of the MSDS shall include copying and redistribution of the notice attached to copies of the MSDS subsequently redistributed.

California Prop. 65

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

Ingredient name	Cancer	Reproductive	No significant risk level	Max acceptable dosage
dibutyl phthalate	No.	Yes.	No.	No.

## 4. First aid measures

Eye contact	Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.
Skin contact	In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention immediately.
Inhalation	Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.
Ingestion	Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.
Protection of first-aiders	No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

## 4. First aid measures

Notes to physician

No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

## 5. Fire-fighting measures

Flammability of the product

In a fire or if heated, a pressure increase will occur and the container may burst.

Extinguishing media

Suitable

Use an extinguishing agent suitable for the surrounding fire.

Special exposure hazards

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Hazardous thermal decomposition products

Decomposition products may include the following materials:

carbon dioxide  
carbon monoxide  
phosphorus oxides

Special protective equipment for fire-fighters

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## 6. Control and preventive measures

**Storage** Store in accordance with local regulations. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Ingredient	Exposure limits
(2-methoxymethylethoxy)propanol	ACGIH TLV (United States, 1/2008). Absorbed through skin. STEL: 150 ppm 15 minute(s). OSHA PEL (United States, 11/2006). Absorbed through skin. TWA: 100 ppm 8 hour(s).
2-(2-ethoxyethoxy)ethanol	AIHA WEEL (United States, 1/2008). TWA: 25 ppm 8 hour(s).

### Personal protection

**Respiratory**

Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

**Hands**

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

**Skin**

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Eyes**

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.

### Methods for cleaning up

**Small spill**

Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**Waste disposal**

Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

## 7. Physical and chemical properties

Physical state	Liquid	Boiling/condensation point	100°C (212°F)
Color	Milky White	Melting/freezing point	0°C (32°F)
Odor	Bland	Vapor pressure	<4 kPa (<30 mm Hg)
VOC *	3.3%	Vapor density	<1 [Air = 1]
pH	8 to 8.5	Weight per Gallon:	8.61 lbs/gal
1% pH:	N.A.	Specific Gravity:	1.03 gm/ml

\* Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

## 8. Toxicological information

### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
dibutyl phthalate	LD50 Oral	Rat	7499 mg/kg	-
(2-methoxymethylethoxy)propanol	LD50 Oral	Rat	5.5 ml/kg	-
2-(2-ethoxyethoxy)ethanol	LD50 Oral	Rat	5500 uL/kg	-
Conclusion/Summary	Not available			

### Chronic toxicity

Conclusion/Summary	Not available
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9. Transport information						
Regulatory information	UN number	Proper shipping name	Classes	PG*	Label	Additional information
DOT Classification	Not available	Not available	Not available	-		-

PG\* : Packing group