

### SECTION 1: IDENTIFICATION

#### Product Identifier

**Product Form:** Mixture

**Product Name:** Teak Sealer Remover

**Product Code:** 893XX

#### Intended Use of the Product

Cleaner

#### Name, Address, and Telephone of the Responsible Party

Starbrite® Inc.

4041 SW 47<sup>th</sup> Avenue

Fort Lauderdale, FL 33314

(954)587-6280

[www.starbrite.com](http://www.starbrite.com)

#### Emergency Telephone Number

**Emergency Number** : US: (800) 424-9300; International: (703) 527-3887 (CHEMTREC)

### SECTION 2: HAZARDS IDENTIFICATION

#### Classification of the Substance or Mixture

##### GHS-US classification

Skin Irrit. 2 H315

Eye Dam. 1 H318

Skin Sens. 1 H317

Full text of hazard classes and H-statements : see section 16

#### Label Elements

##### GHS-US Labeling

##### Hazard Pictograms (GHS-US)



##### Signal Word (GHS-US)

: Danger

##### Hazard Statements (GHS-US)

: H315 - Causes skin irritation.  
H317 - May cause an allergic skin reaction.  
H318 - Causes serious eye damage.

##### Precautionary Statements (GHS-US)

: P261 - Avoid breathing vapors, mist, or spray.  
P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.  
P272 - Contaminated work clothing must not be allowed out of the workplace.  
P280 - Wear protective gloves, protective clothing, and eye protection.  
P302+P352 - If on skin: Wash with plenty of water.  
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 - Immediately call a poison center or doctor.  
P321 - Specific treatment (see section 4 on this SDS).  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.  
P362+P364 - Take off contaminated clothing and wash it before reuse.  
P501 - Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

#### Other Hazards

Aquatic Acute 2

H401

Aquatic Chronic 3

H412

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H401 - Toxic to aquatic life.

H412 - Harmful to aquatic life with long lasting effects.

P273 - Avoid release to the environment.

Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions. This material or its emissions may defat skin, cause contact dermatitis, or aggravate existing skin disease.

**Unknown Acute Toxicity (GHS-US)** Not available

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### Mixture

Name	Product Identifier	% (w/w)	GHS-US classification
Petroleum distillates, hydrotreated light	(CAS No) 64742-47-8	5 - 10	Asp. Tox. 1, H304
Ethanolamine	(CAS No) 141-43-5	1 - 4	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation:vapor), H332 Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Acute 2, H401 Aquatic Chronic 3, H412
Alcohols, C9-11, ethoxylated	(CAS No) 68439-46-3	1 - 3	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Aquatic Acute 2, H401
D-Limonene	(CAS No) 5989-27-5	2 - 2.45	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Dipropylene glycol monomethyl ether	(CAS No) 34590-94-8	0.5 - 1.5	Flam. Liq. 4, H227

Full text of H-phrases: see section 16

The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret [29 CFR 1910.1200].

A range of concentration as prescribed by the Controlled Products Regulations has been used where necessary, due to varying composition.

### SECTION 4: FIRST AID MEASURES

#### Description of First Aid Measures

**General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).

**Inhalation:** If inhaled, remove to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, seek medical advice.

**Skin Contact:** Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Wash contaminated clothing before reuse. Obtain medical attention if irritation develops or persists.

**Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 60 minutes. Immediately call a POISON CENTER or doctor/physician.

**Ingestion:** Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.

#### Most Important Symptoms and Effects Both Acute and Delayed

**General:** Causes skin irritation. Causes serious eye damage. May cause an allergic skin reaction.

**Inhalation:** May cause irritation to the respiratory tract.

**Skin Contact:** Causes skin irritation. May cause an allergic skin reaction.

**Eye Contact:** Causes serious eye damage. Causes permanent damage to the cornea, iris, or conjunctiva. Can cause blindness.

**Ingestion:** Ingestion is likely to be harmful or have adverse effects.

**Chronic Symptoms:** Repeated or prolonged skin contact may cause dermatitis and defatting.

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### **Indication of Any Immediate Medical Attention and Special Treatment Needed**

If medical advice is needed, have product container or label at hand.

## **SECTION 5: FIRE FIGHTING MEASURES**

### **Extinguishing Media**

**Suitable Extinguishing Media:** Dry powder, alcohol-resistant foam, water in large amounts, carbon dioxide (CO<sub>2</sub>).

**Unsuitable Extinguishing Media:** Do not use a heavy water stream. Use of heavy stream of water may spread fire.

### **Special Hazards Arising From the Substance or Mixture**

**Fire Hazard:** Not considered flammable but may burn at high temperatures.

**Explosion Hazard:** Product is not explosive.

**Reactivity:** Hazardous reactions may occur on contact with certain chemicals. Refer to incompatible materials.

### **Advice for Firefighters**

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers. Remove containers from fire area if this can be done without risk. Do not breathe fumes from fires or vapors from decomposition. Do not allow run-off from firefighting to enter drains or water courses.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Hazardous Combustion Products:** Carbon oxides (CO, CO<sub>2</sub>). Nitrogen compounds. Irritating or toxic vapors.

### **Reference to Other Sections**

Refer to section 9 for flammability properties.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

### **Personal Precautions, Protective Equipment and Emergency Procedures**

**General Measures:** Avoid all contact with skin, eyes, or clothing. Avoid breathing (vapor, mist, spray).

#### **For Non-Emergency Personnel**

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Eliminate ignition sources. Evacuate unnecessary personnel.

#### **For Emergency Personnel**

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Evacuate unnecessary personnel. Eliminate ignition sources. Stop leak if safe to do so. Ventilate area.

### **Environmental Precautions**

Prevent entry to sewers and public waters.

### **Methods and Material for Containment and Cleaning Up**

**For Containment:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

**Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely. Absorb and/or contain spill with inert material, then place in suitable container. Do not take up in combustible material such as: saw dust or cellulosic material. If spilled directly onto the ground, remove sufficient soil to ensure material is fully recovered. Contact competent authorities after a spill.

### **Reference to Other Sections**

See heading 8, Exposure Controls and Personal Protection. Concerning disposal elimination after cleaning, see item 13.

## **SECTION 7: HANDLING AND STORAGE**

### **Precautions for Safe Handling**

**Precautions for Safe Handling:** Do not handle until all safety precautions have been read and understood. Avoid all eye and skin contact and do not breathe vapor and mist. Use appropriate personal protection equipment (PPE).

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.

### **Conditions for Safe Storage, Including Any Incompatibilities**

**Storage Conditions:** Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

**Incompatible Materials:** Strong acids, strong bases, strong oxidizers. Reducing agents. Alkaline products. Caustic products. Halogens. Isocyanates.

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**Specific End Use(s)** Cleaner

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control Parameters

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government

<b>Dipropylene glycol monomethyl ether (34590-94-8)</b>		
<b>Mexico</b>	OEL TWA (mg/m <sup>3</sup> )	60 mg/m <sup>3</sup>
<b>Mexico</b>	OEL TWA (ppm)	100 ppm
<b>Mexico</b>	OEL STEL (mg/m <sup>3</sup> )	900 mg/m <sup>3</sup>
<b>Mexico</b>	OEL STEL (ppm)	150 ppm
<b>USA ACGIH</b>	ACGIH TWA (ppm)	100 ppm
<b>USA ACGIH</b>	ACGIH STEL (ppm)	150 ppm
<b>USA ACGIH</b>	ACGIH chemical category	Skin - potential significant contribution to overall exposure by the cutaneous route
<b>USA OSHA</b>	OSHA PEL (TWA) (mg/m <sup>3</sup> )	600 mg/m <sup>3</sup>
<b>USA OSHA</b>	OSHA PEL (TWA) (ppm)	100 ppm
<b>USA OSHA</b>	Limit value category (OSHA)	prevent or reduce skin absorption
<b>USA NIOSH</b>	NIOSH REL (TWA) (mg/m <sup>3</sup> )	600 mg/m <sup>3</sup>
<b>USA NIOSH</b>	NIOSH REL (TWA) (ppm)	100 ppm
<b>USA NIOSH</b>	NIOSH REL (STEL) (mg/m <sup>3</sup> )	900 mg/m <sup>3</sup>
<b>USA NIOSH</b>	NIOSH REL (STEL) (ppm)	150 ppm
<b>USA IDLH</b>	US IDLH (ppm)	600 ppm
<b>Alberta</b>	OEL STEL (mg/m <sup>3</sup> )	909 mg/m <sup>3</sup>
<b>Alberta</b>	OEL STEL (ppm)	150 ppm
<b>Alberta</b>	OEL TWA (mg/m <sup>3</sup> )	606 mg/m <sup>3</sup>
<b>Alberta</b>	OEL TWA (ppm)	100 ppm
<b>British Columbia</b>	OEL STEL (ppm)	150 ppm
<b>British Columbia</b>	OEL TWA (ppm)	100 ppm
<b>Manitoba</b>	OEL STEL (ppm)	150 ppm
<b>Manitoba</b>	OEL TWA (ppm)	100 ppm
<b>New Brunswick</b>	OEL STEL (mg/m <sup>3</sup> )	909 mg/m <sup>3</sup>
<b>New Brunswick</b>	OEL STEL (ppm)	150 ppm
<b>New Brunswick</b>	OEL TWA (mg/m <sup>3</sup> )	606 mg/m <sup>3</sup>
<b>New Brunswick</b>	OEL TWA (ppm)	100 ppm
<b>Newfoundland &amp; Labrador</b>	OEL STEL (ppm)	150 ppm
<b>Newfoundland &amp; Labrador</b>	OEL TWA (ppm)	100 ppm
<b>Nova Scotia</b>	OEL STEL (ppm)	150 ppm
<b>Nova Scotia</b>	OEL TWA (ppm)	100 ppm
<b>Nunavut</b>	OEL STEL (mg/m <sup>3</sup> )	909 mg/m <sup>3</sup>
<b>Nunavut</b>	OEL STEL (ppm)	150 ppm
<b>Nunavut</b>	OEL TWA (mg/m <sup>3</sup> )	606 mg/m <sup>3</sup>
<b>Nunavut</b>	OEL TWA (ppm)	100 ppm
<b>Northwest Territories</b>	OEL STEL (ppm)	150 ppm
<b>Northwest Territories</b>	OEL TWA (ppm)	100 ppm
<b>Ontario</b>	OEL STEL (ppm)	150 ppm
<b>Ontario</b>	OEL TWA (ppm)	100 ppm
<b>Prince Edward Island</b>	OEL STEL (ppm)	150 ppm
<b>Prince Edward Island</b>	OEL TWA (ppm)	100 ppm
<b>Québec</b>	VECD (mg/m <sup>3</sup> )	909 mg/m <sup>3</sup>
<b>Québec</b>	VECD (ppm)	150 ppm

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<b>Québec</b>	VEMP (mg/m <sup>3</sup> )	606 mg/m <sup>3</sup>
<b>Québec</b>	VEMP (ppm)	100 ppm
<b>Saskatchewan</b>	OEL STEL (ppm)	150 ppm
<b>Saskatchewan</b>	OEL TWA (ppm)	100 ppm
<b>Ethanolamine (141-43-5)</b>		
<b>Mexico</b>	OEL TWA (mg/m <sup>3</sup> )	8 mg/m <sup>3</sup>
<b>Mexico</b>	OEL TWA (ppm)	3 ppm
<b>Mexico</b>	OEL STEL (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup>
<b>Mexico</b>	OEL STEL (ppm)	6 ppm
<b>USA ACGIH</b>	ACGIH TWA (ppm)	3 ppm
<b>USA ACGIH</b>	ACGIH STEL (ppm)	6 ppm
<b>USA OSHA</b>	OSHA PEL (TWA) (mg/m <sup>3</sup> )	6 mg/m <sup>3</sup>
<b>USA OSHA</b>	OSHA PEL (TWA) (ppm)	3 ppm
<b>USA NIOSH</b>	NIOSH REL (TWA) (mg/m <sup>3</sup> )	8 mg/m <sup>3</sup>
<b>USA NIOSH</b>	NIOSH REL (TWA) (ppm)	3 ppm
<b>USA NIOSH</b>	NIOSH REL (STEL) (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup>
<b>USA NIOSH</b>	NIOSH REL (STEL) (ppm)	6 ppm
<b>USA IDLH</b>	US IDLH (ppm)	30 ppm
<b>Alberta</b>	OEL STEL (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup>
<b>Alberta</b>	OEL STEL (ppm)	6 ppm
<b>Alberta</b>	OEL TWA (mg/m <sup>3</sup> )	7.5 mg/m <sup>3</sup>
<b>Alberta</b>	OEL TWA (ppm)	3 ppm
<b>British Columbia</b>	OEL STEL (ppm)	6 ppm
<b>British Columbia</b>	OEL TWA (ppm)	3 ppm
<b>Manitoba</b>	OEL STEL (ppm)	6 ppm
<b>Manitoba</b>	OEL TWA (ppm)	3 ppm
<b>New Brunswick</b>	OEL STEL (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup>
<b>New Brunswick</b>	OEL STEL (ppm)	6 ppm
<b>New Brunswick</b>	OEL TWA (mg/m <sup>3</sup> )	7.5 mg/m <sup>3</sup>
<b>New Brunswick</b>	OEL TWA (ppm)	3 ppm
<b>Newfoundland &amp; Labrador</b>	OEL STEL (ppm)	6 ppm
<b>Newfoundland &amp; Labrador</b>	OEL TWA (ppm)	3 ppm
<b>Nova Scotia</b>	OEL STEL (ppm)	6 ppm
<b>Nova Scotia</b>	OEL TWA (ppm)	3 ppm
<b>Nunavut</b>	OEL STEL (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup>
<b>Nunavut</b>	OEL STEL (ppm)	6 ppm
<b>Nunavut</b>	OEL TWA (mg/m <sup>3</sup> )	7.5 mg/m <sup>3</sup>
<b>Nunavut</b>	OEL TWA (ppm)	3 ppm
<b>Northwest Territories</b>	OEL STEL (ppm)	6 ppm
<b>Northwest Territories</b>	OEL TWA (ppm)	3 ppm
<b>Ontario</b>	OEL STEL (ppm)	6 ppm
<b>Ontario</b>	OEL TWA (ppm)	3 ppm
<b>Prince Edward Island</b>	OEL STEL (ppm)	6 ppm
<b>Prince Edward Island</b>	OEL TWA (ppm)	3 ppm
<b>Québec</b>	VECD (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup>
<b>Québec</b>	VECD (ppm)	6 ppm
<b>Québec</b>	VEMP (mg/m <sup>3</sup> )	7.5 mg/m <sup>3</sup>
<b>Québec</b>	VEMP (ppm)	3 ppm
<b>Saskatchewan</b>	OEL STEL (ppm)	6 ppm
<b>Saskatchewan</b>	OEL TWA (ppm)	3 ppm
<b>Yukon</b>	OEL STEL (mg/m <sup>3</sup> )	12 mg/m <sup>3</sup>

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Yukon	OEL STEL (ppm)	6 ppm
Yukon	OEL TWA (mg/m <sup>3</sup> )	6 mg/m <sup>3</sup>
Yukon	OEL TWA (ppm)	3 ppm
<b>Petroleum distillates, hydrotreated light (64742-47-8)</b>		
British Columbia	OEL TWA (mg/m <sup>3</sup> )	200 mg/m <sup>3</sup> (application restricted to conditions in which there are negligible aerosol exposures)
<b>D-Limonene (5989-27-5)</b>		

### Exposure Controls

**Appropriate Engineering Controls:** Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

**Personal Protective Equipment:** Protective goggles. Gloves. Protective clothing. Insufficient ventilation: wear respiratory protection.



**Materials for Protective Clothing:** Chemically resistant materials and fabrics.

**Hand Protection:** Wear chemically resistant protective gloves.

**Eye Protection:** Chemical safety goggles.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** In case of insufficient ventilation, wear suitable respiratory equipment.

**Environmental Exposure Controls:** Avoid release to the environment.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

Physical State	: Liquid
Appearance	: Light Yellow Liquid
Odor	: Characteristic
Odor Threshold	: Not available
pH	: 10
Evaporation Rate	: Not available
Melting Point	: 0 °C (32 °F)
Freezing Point	: Not available
Boiling Point	: > 100 °C (> 212 °F)
Flash Point	: > 100 °C (> 212 °F)
Auto-ignition Temperature	: Not available
Decomposition Temperature	: Not available
Flammability (solid, gas)	: Not available
Lower Flammable Limit	: Not available
Upper Flammable Limit	: Not available
Vapor Pressure	: Not available
Relative Vapor Density at 20 °C	: Not available
Relative Density	: Not available
Specific Gravity	: 0.955
Solubility	: Soluble in water.
Partition Coefficient: N-Octanol/Water	: Not available
Viscosity	: 250 cPs
Explosion Data – Sensitivity to Mechanical Impact	: Not expected to present an explosion hazard due to mechanical impact.
Explosion Data – Sensitivity to Static Discharge	: Not expected to present an explosion hazard due to static discharge.

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### SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** Hazardous reactions may occur on contact with certain chemicals. Refer to incompatible materials.

**Chemical Stability:** Stable under recommended handling and storage conditions (see section 7).

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

**Conditions to Avoid:** Direct sunlight. Heat, hot surfaces, sparks, open flames, and other ignition sources. Incompatible materials.

**Incompatible Materials:** Strong acids, strong bases, strong oxidizers. Reducing agents. Alkaline substances. Caustic products. Halogens. Isocyanates.

**Hazardous Decomposition Products:** Carbon oxides (CO, CO<sub>2</sub>). Nitrogen compounds. Nitrogen oxides. Sulfur oxides. Aldehydes. Ketones. Organic acids.

### SECTION 11: TOXICOLOGICAL INFORMATION

#### Information on Toxicological Effects - Product

**Acute Toxicity:** Not classified

**LD50 and LC50 Data:** Not available

**Skin Corrosion/Irritation:** Causes skin irritation.

**pH:** 10

**Serious Eye Damage/Irritation:** Causes serious eye damage.

**pH:** 10

**Respiratory or Skin Sensitization:** May cause an allergic skin reaction.

**Germ Cell Mutagenicity:** Not classified

**Teratogenicity:** Not classified

**Carcinogenicity:** Not classified

**Specific Target Organ Toxicity (Repeated Exposure):** Not classified

**Reproductive Toxicity:** Not classified

**Specific Target Organ Toxicity (Single Exposure):** Not classified

**Aspiration Hazard:** Not classified

**Symptoms/Injuries After Inhalation:** May cause irritation to the respiratory tract.

**Symptoms/Injuries After Skin Contact:** Causes skin irritation. May cause an allergic skin reaction.

**Symptoms/Injuries After Eye Contact:** Causes serious eye damage. Causes permanent damage to the cornea, iris, or conjunctiva. Can cause blindness.

**Symptoms/Injuries After Ingestion:** Ingestion is likely to be harmful or have adverse effects.

**Chronic Symptoms:** Repeated or prolonged skin contact may cause dermatitis and defatting.

#### Information on Toxicological Effects - Ingredient(s)

**LD50 and LC50 Data:**

<b>Alcohols, C9-11, ethoxylated (68439-46-3)</b>	
LD50 Oral Rat	1400 mg/kg
LD50 Dermal Rat	> 2 g/kg
<b>Dipropylene glycol monomethyl ether (34590-94-8)</b>	
LD50 Oral Rat	5400 µl/kg
LD50 Dermal Rabbit	9500 mg/kg
<b>Ethanolamine (141-43-5)</b>	
LD50 Oral Rat	1720 mg/kg
LD50 Dermal Rabbit	1025 mg/kg
ATE US (vapors)	11.00 mg/l/4h
<b>Petroleum distillates, hydrotreated light (64742-47-8)</b>	
LD50 Oral Rat	> 5000 mg/kg
LD50 Dermal Rabbit	> 2000 mg/kg
LC50 Inhalation Rat	> 5.2 mg/l/4h
<b>D-Limonene (5989-27-5)</b>	
LD50 Oral Rat	4400 mg/kg
LD50 Dermal Rabbit	> 5 g/kg

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<b>D-Limonene (5989-27-5)</b>	
<b>IARC Group</b>	3
<b>National Toxicology Program (NTP) Status</b>	Evidence of Carcinogenicity.

### SECTION 12: ECOLOGICAL INFORMATION

#### Toxicity

**Ecology - General:** Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

<b>Dipropylene glycol monomethyl ether (34590-94-8)</b>	
<b>LC50 Fish 1</b>	> 10000 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
<b>EC50 Daphnia 1</b>	1919 mg/l (Exposure time: 48 h - Species: Daphnia magna)

<b>Ethanolamine (141-43-5)</b>	
<b>LC50 Fish 1</b>	227 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
<b>EC50 Daphnia 1</b>	65 mg/l (Exposure time: 48 h - Species: Daphnia magna)
<b>LC 50 Fish 2</b>	3684 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])
<b>ErC50 (algae)</b>	2.5 mg/l

<b>Petroleum distillates, hydrotreated light (64742-47-8)</b>	
<b>LC50 Fish 1</b>	45 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
<b>LC 50 Fish 2</b>	2.2 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])

<b>D-Limonene (5989-27-5)</b>	
<b>LC50 Fish 1</b>	0.619 (0.619 - 0.796) mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
<b>EC50 Daphnia 1</b>	0.421 mg/l
<b>LC 50 Fish 2</b>	35 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)

#### Persistence and Degradability

<b>Dipropylene glycol monomethyl ether (34590-94-8)</b>	
<b>Persistence and Degradability</b>	Readily biodegradable.

#### Bioaccumulative Potential

<b>Dipropylene glycol monomethyl ether (34590-94-8)</b>	
<b>Log Pow</b>	-0.064 (at 20 °C)
<b>Bioaccumulative Potential</b>	Not expected to bioaccumulate.

<b>Ethanolamine (141-43-5)</b>	
<b>Log Pow</b>	-1.91 (at 25 °C)

<b>Petroleum distillates, hydrotreated light (64742-47-8)</b>	
<b>BCF Fish 1</b>	61 - 159

**Mobility in Soil** Not available

#### Other Adverse Effects

**Other Information:** Avoid release to the environment.

### SECTION 13: DISPOSAL CONSIDERATIONS

**Sewage Disposal Recommendations:** This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

**Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations

**Additional Information:** Container may remain hazardous when empty. Continue to observe all precautions.

### SECTION 14: TRANSPORT INFORMATION

In Accordance With ICAO/IATA/DOT/TDG/IMDG

**UN Number** Not regulated for transport

**UN Proper Shipping Name** Not regulated for transport

#### Transport Hazard Class(es)

**Marine Pollutant** : No

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**Additional Information** Not available

**Transport by sea** Not regulated for transport

**Air transport** Not regulated for transport

**In Accordance With IMDG** Not regulated for transport

**In Accordance With IATA/ICAO** Not regulated for transport

**In Accordance With TDG** Not regulated for transport

## SECTION 15: REGULATORY INFORMATION

### US Federal Regulations

<b>Teak Sealer Remover</b>	
<b>SARA Section 311/312 Hazard Classes</b>	Immediate (acute) health hazard
<b>Alcohols, C9-11, ethoxylated (68439-46-3)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>Dipropylene glycol monomethyl ether (34590-94-8)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>EPA TSCA Regulatory Flag</b>	T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA
<b>Ethanolamine (141-43-5)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>Petroleum distillates, hydrotreated light (64742-47-8)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
<b>SARA Section 311/312 Hazard Classes</b>	Fire hazard Immediate (acute) health hazard
<b>D-Limonene (5989-27-5)</b>	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

### US State Regulations

<b>Teak Sealer Remover()</b>	
<b>U.S. - California - Proposition 65 - Carcinogens List</b>	WARNING: This product contains chemicals known to the State of California to cause cancer.
<b>Alcohols, C9-11, ethoxylated (68439-46-3)</b>	
U.S. - Texas - Effects Screening Levels - Long Term	
U.S. - Texas - Effects Screening Levels - Short Term	
<b>Dipropylene glycol monomethyl ether (34590-94-8)</b>	
U.S. - Connecticut - Hazardous Air Pollutants - HLVs (30 min)	
U.S. - Connecticut - Hazardous Air Pollutants - HLVs (8 hr)	
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations	
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Emission Levels (ELs)	
U.S. - Idaho - Occupational Exposure Limits - TWAs	
RTK - U.S. - Massachusetts - Right To Know List	
U.S. - Michigan - Occupational Exposure Limits - Skin Designations	
U.S. - Michigan - Occupational Exposure Limits - STELs	
U.S. - Michigan - Occupational Exposure Limits - TWAs	
U.S. - Minnesota - Hazardous Substance List	
U.S. - Minnesota - Permissible Exposure Limits - Skin Designations	
U.S. - Minnesota - Permissible Exposure Limits - STELs	
U.S. - Minnesota - Permissible Exposure Limits - TWAs	
U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - 24-Hour	
U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - Annual	
RTK - U.S. - New Jersey - Right to Know Hazardous Substance List	
U.S. - New York - Occupational Exposure Limits - Skin Designations	
U.S. - New York - Occupational Exposure Limits - TWAs	
U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 1-Hour	

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U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 8-Hour  
U.S. - Oregon - Permissible Exposure Limits - Skin Designations  
U.S. - Oregon - Permissible Exposure Limits - TWAs  
RTK - U.S. - Pennsylvania - RTK (Right to Know) List  
U.S. - Tennessee - Occupational Exposure Limits - Skin Designations  
U.S. - Tennessee - Occupational Exposure Limits - STELS  
U.S. - Texas - Effects Screening Levels - Long Term  
U.S. - Texas - Effects Screening Levels - Short Term  
U.S. - Vermont - Permissible Exposure Limits - Skin Designations  
U.S. - Vermont - Permissible Exposure Limits - STELS  
U.S. - Vermont - Permissible Exposure Limits - TWAs  
U.S. - Washington - Permissible Exposure Limits - Skin Designations  
U.S. - Washington - Permissible Exposure Limits - STELS  
U.S. - Washington - Permissible Exposure Limits - TWAs

### **Ethanolamine (141-43-5)**

U.S. - Connecticut - Hazardous Air Pollutants - HLVs (30 min)  
U.S. - Connecticut - Hazardous Air Pollutants - HLVs (8 hr)  
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations  
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Emission Levels (ELs)  
U.S. - Idaho - Occupational Exposure Limits - TWAs  
U.S. - Illinois - Toxic Air Contaminants  
U.S. - Massachusetts - Oil & Hazardous Material List - Groundwater Reportable Concentration - Reporting Category 1  
U.S. - Massachusetts - Oil & Hazardous Material List - Groundwater Reportable Concentration - Reporting Category 2  
U.S. - Massachusetts - Oil & Hazardous Material List - Reportable Quantity  
U.S. - Massachusetts - Oil & Hazardous Material List - Soil Reportable Concentration - Reporting Category 1  
U.S. - Massachusetts - Oil & Hazardous Material List - Soil Reportable Concentration - Reporting Category 2  
RTK - U.S. - Massachusetts - Right To Know List  
U.S. - Michigan - Occupational Exposure Limits - STELS  
U.S. - Michigan - Occupational Exposure Limits - TWAs  
U.S. - Minnesota - Hazardous Substance List  
U.S. - Minnesota - Permissible Exposure Limits - STELS  
U.S. - Minnesota - Permissible Exposure Limits - TWAs  
U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - 24-Hour  
U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - Annual  
RTK - U.S. - New Jersey - Right to Know Hazardous Substance List  
U.S. - New Jersey - Special Health Hazards Substances List  
U.S. - New York - Occupational Exposure Limits - TWAs  
U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 1-Hour  
U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 8-Hour  
U.S. - Oregon - Permissible Exposure Limits - TWAs  
RTK - U.S. - Pennsylvania - RTK (Right to Know) List  
U.S. - South Carolina - Toxic Air Pollutants - Maximum Allowable Concentrations  
U.S. - South Carolina - Toxic Air Pollutants - Pollutant Categories  
U.S. - Tennessee - Occupational Exposure Limits - STELS  
U.S. - Tennessee - Occupational Exposure Limits - TWAs  
U.S. - Texas - Effects Screening Levels - Long Term  
U.S. - Texas - Effects Screening Levels - Short Term  
U.S. - Vermont - Permissible Exposure Limits - STELS  
U.S. - Vermont - Permissible Exposure Limits - TWAs  
U.S. - Washington - Permissible Exposure Limits - STELS  
U.S. - Washington - Permissible Exposure Limits - TWAs  
U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 25 Feet to Less Than 40 Feet  
U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 40 Feet to Less Than 75 Feet

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U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 75 Feet or Greater
U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights Less Than 25 Feet
<b>Petroleum distillates, hydrotreated light (64742-47-8)</b>
U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - 24-Hour
U.S. - Texas - Effects Screening Levels - Long Term
U.S. - Texas - Effects Screening Levels - Short Term
<b>D-Limonene (5989-27-5)</b>
U.S. - Maine - Chemicals of High Concern
U.S. - Minnesota - Chemicals of High Concern
U.S. - Minnesota - Chemicals of High Concern - Persistent Bioaccumulative Toxins
U.S. - Texas - Effects Screening Levels - Long Term
U.S. - Texas - Effects Screening Levels - Short Term

### Canadian Regulations

<b>Teak Sealer Remover</b>	
WHMIS Classification	Class D Division 2 Subdivision B - Toxic material causing other toxic effects
	

<b>Alcohols, C9-11, ethoxylated (68439-46-3)</b>	
Listed on the Canadian DSL (Domestic Substances List)	
WHMIS Classification	Class D Division 2 Subdivision B - Toxic material causing other toxic effects

<b>Dipropylene glycol monomethyl ether (34590-94-8)</b>	
Listed on the Canadian DSL (Domestic Substances List)	
Listed on the Canadian IDL (Ingredient Disclosure List)	
IDL Concentration 1 %	
WHMIS Classification	Class B Division 3 - Combustible Liquid

<b>Ethanolamine (141-43-5)</b>	
Listed on the Canadian DSL (Domestic Substances List)	
Listed on the Canadian IDL (Ingredient Disclosure List)	
IDL Concentration 1 %	
WHMIS Classification	Class B Division 3 - Combustible Liquid Class D Division 1 Subdivision B - Toxic material causing immediate and serious toxic effects Class D Division 2 Subdivision B - Toxic material causing other toxic effects Class E - Corrosive Material

<b>Petroleum distillates, hydrotreated light (64742-47-8)</b>	
Listed on the Canadian DSL (Domestic Substances List)	
WHMIS Classification	Uncontrolled product according to WHMIS classification criteria

<b>D-Limonene (5989-27-5)</b>	
Listed on the Canadian DSL (Domestic Substances List)	
Listed on the Canadian IDL (Ingredient Disclosure List)	
IDL Concentration 1 %	
WHMIS Classification	Class B Division 3 - Combustible Liquid Class D Division 2 Subdivision B - Toxic material causing other toxic effects

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

### SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

<b>Revision Date</b>	: 05/19/2016
<b>Other Information</b>	: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

# Teak Sealer Remover

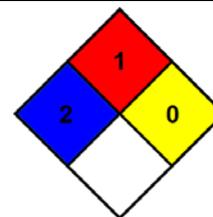
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### GHS Full Text Phrases:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal) Category 4
Acute Tox. 4 (Inhalation:vapor)	Acute toxicity (inhalation:vapor) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Acute 2	Hazardous to the aquatic environment - Acute Hazard Category 2
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic Hazard Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment - Chronic Hazard Category 3
Asp. Tox. 1	Aspiration hazard Category 1
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Flam. Liq. 3	Flammable liquids Category 3
Flam. Liq. 4	Flammable liquids Category 4
Skin Corr. 1B	Skin corrosion/irritation Category 1B
Skin Irrit. 2	Skin corrosion/irritation Category 2
Skin Sens. 1	Skin sensitization Category 1
Skin Sens. 1B	Skin sensitization Category 1B
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H226	Flammable liquid and vapor
H227	Combustible liquid
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H332	Harmful if inhaled
H335	May cause respiratory irritation
H400	Very toxic to aquatic life
H401	Toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

- NFPA Health Hazard** : 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.
- NFPA Fire Hazard** : 1 - Must be preheated before ignition can occur.
- NFPA Reactivity** : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



### Party Responsible for the Preparation of This Document

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*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*

NA GHS SDS