

# SAFETY DATA SHEET

## PROSOCO, Inc.



Issue Date 29-Jan-2015

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Version 1

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

#### Product identifier

**Product Name** Enviro Klean® SafStrip® 8

#### Other means of identification

**Product Code** 41030

#### Recommended use of the chemical and restrictions on use

**Recommended Use** Restricted to professional users.

**Uses advised against** No information available

#### Details of the supplier of the safety data sheet

##### **Manufacturer Address**

PROSOCO, Inc.  
3741 Greenway Circle  
Lawrence, Kansas 66046

#### Emergency telephone number

**8:00 AM – 5:00 PM CST Monday-Friday** 785-865-4200  
**NON-BUSINESS HOURS (INFOTRAC)** 800-535-5053

### 2. HAZARDS IDENTIFICATION

#### Classification

Serious eye damage/eye irritation	Category 2
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#### Label elements

#### Emergency Overview

##### **Warning**

##### **Hazard statements**

Causes serious eye irritation



**Appearance** colorless

**Physical state** gel

**Odor** Characteristic

#### **Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
Wear eye/face protection

**Precautionary Statements - Response**

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

**Hazards not otherwise classified (HNOC)****Other Information**

- May be harmful if swallowed
  - May be harmful in contact with skin
- 1.25% of the mixture consists of ingredient(s) of unknown toxicity

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No	Weight-%	Trade Secret
Benzyl Alcohol	100-51-6	10 - 30	*
3-Ethoxypropionic acid ethyl ester	763-69-9	10 - 30	*
4 Methyl, 1-3 Dioxolan 2 one	108-32-7	10 - 30	*
Dibasic Ester	Proprietary	10 - 30	*
Alcohols, C9-11, ethoxylated	Proprietary	3 - 7	*
Triethanolamine	102-71-6	1 - 5	*

\* The exact percentage (concentration) of composition has been withheld as a trade secret.

**4. FIRST AID MEASURES****First aid measures**

<b>General advice</b>	If symptoms persist, call a physician. Do not get in eyes, on skin, or on clothing. Avoid breathing vapors or mists.
<b>Eye contact</b>	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.
<b>Skin Contact</b>	Wash off immediately with plenty of water while removing contaminated clothing and shoes. Consult a physician if necessary.
<b>Inhalation</b>	Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Call a physician.
<b>Ingestion</b>	Do NOT induce vomiting. Rinse mouth. Drink plenty of water. If symptoms persist, call a physician.
<b>Self-protection of the first aider</b>	Use personal protective equipment as required.

**Most important symptoms and effects, both acute and delayed**

**Symptoms** Causes serious eye irritation. May be harmful if swallowed. May cause skin irritation.

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

**Note to physicians** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

### **Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Caution: Use of water spray when fighting fire may be inefficient.

### **Specific hazards arising from the chemical**

No information available.

### **Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

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

**Personal precautions** Use personal protective equipment as required.

### **Environmental precautions**

**Environmental precautions** Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. See Section 12 for additional ecological information.

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

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.

## 7. HANDLING AND STORAGE

### **Precautions for safe handling**

**Advice on safe handling** Avoid contact with skin, eyes or clothing. Avoid breathing vapors or mists. Use personal protective equipment as required. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product.

### **Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children.

**Incompatible materials** Acids. Strong oxidizing agents. Isocyanates. Aluminum compounds. Acetaldehyde.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### **Control parameters**

### **Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH

Triethanolamine 102-71-6	TWA: 5 mg/m <sup>3</sup>	-	-
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NIOSH IDLH *Immediately Dangerous to Life or Health*

**Other Information** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

#### Appropriate engineering controls

**Engineering Controls** Showers  
Eyewash stations  
Ventilation systems.

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

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Skin and body protection** Wear protective gloves and protective clothing.

**Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General Hygiene Considerations** Wash contaminated clothing before reuse. Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Information on basic physical and chemical properties

<b>Physical state</b>	gel	<b>Odor</b>	Characteristic
<b>Appearance</b>	colorless	<b>Odor threshold</b>	No information available
<b>Color</b>	colorless		
<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>	
<b>pH</b>	8.02	Not Applicable	
<b>Melting point/freezing point</b>	No information available	ASTM D 3278	
<b>Boiling point/boiling range</b>	No information available		
<b>Flash point</b>	> 93 °C / > 200 °F		
<b>Evaporation rate</b>	No information available		
<b>Flammability (solid, gas)</b>	No information available		
<b>Flammability Limits in Air</b>			
<b>Upper flammability limits</b>	No information available		
<b>Lower flammability limit</b>	No information available		
<b>Vapor pressure</b>	No information available		
<b>Vapor density</b>	No information available		
<b>Specific Gravity</b>	1.05		
<b>Water solubility</b>	partially soluble		
<b>Solubility in other solvents</b>	No information available		
<b>Partition coefficient</b>	No information available		
<b>Autoignition temperature</b>	No information available		
<b>Decomposition temperature</b>	No information available		
<b>Kinematic viscosity</b>	No information available		
<b>Dynamic viscosity</b>	No information available		

## 10. STABILITY AND REACTIVITY

**Reactivity**

No data available

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to avoid**

Extremes of temperature and direct sunlight.

**Incompatible materials**

Acids. Strong oxidizing agents. Isocyanates. Aluminum compounds. Acetaldehyde.

**Hazardous Decomposition Products**

Hazardous combustion products. Carbon oxides. Nitrogen oxides (NOx).

<b>11. TOXICOLOGICAL INFORMATION</b>
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**Information on likely routes of exposure**

<b>Product Information</b>	Causes serious eye irritation Causes skin irritation May be harmful if swallowed
<b>Inhalation</b>	Avoid breathing vapors or mists. May be harmful if inhaled.
<b>Eye contact</b>	Causes serious eye irritation.
<b>Skin Contact</b>	May be harmful in contact with skin. May cause irritation.
<b>Ingestion</b>	Do not taste or swallow. May be harmful if swallowed.

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Benzyl Alcohol 100-51-6	= 1230 mg/kg ( Rat )	= 2000 mg/kg ( Rabbit )	= 8.8 mg/L ( Rat ) 4 h
3-Ethoxypropionic acid ethyl ester 763-69-9	= 3200 mg/kg ( Rat )	= 10 mL/kg ( Rabbit )	-
4 Methyl, 1-3 Dioxolan 2 one 108-32-7	= 29000 mg/kg ( Rat )	> 20000 mg/kg ( Rabbit )	-
Dibasic Ester	= 8191 mg/kg ( Rat )	-	> 5.6 mg/L ( Rat ) 4 h
Alcohols, C9-11, ethoxylated	= 1378 mg/kg ( Rat )	> 2 g/kg ( Rabbit )	-
Triethanolamine 102-71-6	= 4190 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit ) > 16 mL/kg ( Rat )	-

**Information on toxicological effects**

**Symptoms** Causes serious eye irritation. Harmful by inhalation and if swallowed. May cause skin irritation.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization** No information available.  
**Germ cell mutagenicity** No information available.  
**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Triethanolamine 102-71-6	-	Group 3	-	-

IARC (International Agency for Research on Cancer)  
Not classifiable as a human carcinogen

<b>Reproductive toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Aspiration hazard</b>	No information available.

#### Numerical measures of toxicity - Product Information

**Unknown Acute Toxicity** 1.25% of the mixture consists of ingredient(s) of unknown toxicity

The following values are calculated based on chapter 3.1 of the GHS document .

<b>ATEmix (oral)</b>	2431 mg/kg
<b>ATEmix (dermal)</b>	4418 mg/kg mg/l
<b>ATEmix (inhalation-dust/mist)</b>	5.2 mg/l

## 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Benzyl Alcohol 100-51-6	35: 3 h Anabaena variabilis mg/L EC50	460: 96 h Pimephales promelas mg/L LC50 static 10: 96 h Lepomis macrochirus mg/L LC50 static	-	23: 48 h water flea mg/L EC50
3-Ethoxypropionic acid ethyl ester 763-69-9	-	62: 96 h Pimephales promelas mg/L LC50 static	-	970: 48 h Daphnia magna mg/L EC50
4 Methyl, 1-3 Dioxolan 2 one 108-32-7	500: 72 h Desmodemus subspicatus mg/L EC50	5300: 96 h Leuciscus idus mg/L LC50 static 1000: 96 h Cyprinus carpio mg/L LC50 semi-static	-	500: 48 h Daphnia magna mg/L EC50
Dibasic Ester	-	19.6 - 26.2: 96 h Pimephales promelas mg/L LC50 static	-	122.1 - 163.5: 48 h Daphnia magna mg/L EC50
Triethanolamine 102-71-6	216: 72 h Desmodemus subspicatus mg/L EC50 169: 96 h Desmodemus subspicatus mg/L EC50	10600 - 13000: 96 h Pimephales promelas mg/L LC50 flow-through 1000: 96 h Pimephales promelas mg/L LC50 static 450 - 1000: 96 h Lepomis macrochirus mg/L LC50 static	-	1386: 24 h Daphnia magna mg/L EC50

#### Persistence and degradability

No information available.

#### Bioaccumulation

No information available.

Chemical Name	Partition coefficient
Benzyl Alcohol 100-51-6	1.1
3-Ethoxypropionic acid ethyl ester 763-69-9	1.35
4 Methyl, 1-3 Dioxolan 2 one 108-32-7	0.48
Triethanolamine 102-71-6	-2.53

Other adverse effects No information available

### 13. DISPOSAL CONSIDERATIONS

#### Waste treatment methods

**Disposal of wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging** Do not reuse container.

This product contains one or more substances that are listed with the State of California as a hazardous waste.

### 14. TRANSPORT INFORMATION

DOT Not Regulated for all modes of transportation.

### 15. REGULATORY INFORMATION

#### International Inventories

**TSCA** Complies

**DSL/NDSL** Complies

#### Legend:

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*

*DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*

#### US Federal Regulations

##### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

##### **SARA 311/312 Hazard Categories**

<b>Acute health hazard</b>	Yes
<b>Chronic Health Hazard</b>	No
<b>Fire hazard</b>	No
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	No

##### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations****California Proposition 65**

This product contains the following Proposition 65 chemicals

Chemical Name	California Proposition 65
N,N-Diethanolamine - 111-42-2	Carcinogen
Methanol - 67-56-1	Developmental
Ethyl acrylate - 140-88-5	Carcinogen
Toluene - 108-88-3	Developmental Female Reproductive

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Triethanolamine 102-71-6	X	X	X

**16. OTHER INFORMATION**

<b>NFPA</b>	Health hazards 2	Flammability 0	Instability 0	Physical and Chemical Properties -
<b>HMIS</b>	Health hazards 2	Flammability 0	Physical hazards 0	Personal protection X

Prepared By Regulatory Department  
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**Revision Note**

No information available

**Disclaimer**

The information contained on the Material Safety Data Sheet has been compiled from data considered accurate. This data is believed to be reliable, but it must be pointed out that values for certain properties are known to vary from source to source. PROSOCO, Inc. expressly disclaims any warranty express or implied as well as any liability for any injury or loss arising from the use of this information or the materials described. This data is not to be construed as absolutely complete since additional data may be desirable when particular conditions or circumstances exist. It is the responsibility of the user to determine the best precautions necessary for the safe handling and use of this product for his unique application. This data relates only to the specific material designated and is not to be used in combination with any other material. Many federal and state regulations pertain directly or indirectly to the product's end use and disposal of containers and unused material. It is the purchaser's responsibility to familiarize himself with all applicable regulations.

**End of Safety Data Sheet**