



# SAFETY DATA SHEET



## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Chemical Name: TROUBLE SHOOTER

Product Number: 1093

Manufacturer Information: Sunrise Environmental Scientific  
Remit: PO Box 10207 Reno, NV 89510  
Physical: 1175 Industrial Way Sparks, NV 89431  
Phone Number: 775-359-8494 or 800-648-1153

Pages: 3

Web: SUNRISENV.COM

Application: Aerosol Foaming Degreaser

UN-Number: N/A

Emergency Phone No.  
Chemtrec: 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

### Emergency Overview:

Signal Word: DANGER

Hazard Statement: Cause serious eye irritation. May be harmful if swallowed

### Potential Health Effects:

Inhalation: Move to fresh air. Note to physicians: Contains ethylene glycol. Administer ethanol.

Skin Contact: Wash off immediately with soap and water.

Ingestion: Do not induce vomiting, drink large quantities of water or milk. Follow with citrus juice or diluted vinegar. See a physician.



## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient:	CAS #	Component WT%	PEL	TLV	IDLH
Sodium Hydroxide	1310-73-2	1%≤5%	2 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>	200 mg/m
Potassium Hydroxide	1310-58-3	1%≤5%	2 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>	N/A
*Butoxy Ethanol	111-76-2	1%≤8%	25 ppm	25 ppm	700 ppm
*Diethylene Glycol	111-90-0	1%≤8%	N/D	N/D	N/D
Monoethyl Ether	N/A	N/D	N/D	N/D	N/D
Diethanolamine	111-42-2	0%≤1%	N/D	2 mg/m <sup>3</sup>	N/D
Propellant	68-476-86-8	2%≤14%	N/A	600 ppm	N/A

Comments: Coupling/ Surfactant system is proprietary, no TLV, OSHA values established. Caution: Strong alkaline liquid.

## 4. FIRST AID MEASURES

Inhalation: Move to fresh air.

Skin Contact: Wash off immediately with soap and water.

Ingestion: Do not induce vomiting, drink large quantities of water or milk. Follow with citrus juice or diluted vinegar. See a physician.

Eye Contact: Flush with water. See a physician.

Additional Information: Note to physicians: Contains ethylene glycol. Administer ethanol.

## 5. FIRE FIGHTING MEASURES

Flash Point: Not flammable.

Upper Flammable Limit (UEL): 9.5%

Lower Flammable Limit (LEL): 2.2%

Flammable Limits: Propane

Auto Ignition: N/D

Rate of Burning: N/D

General Fire Hazards: Aerosol can may explode in fire releasing flammable propellant and concentrate, keep cans cool.

Hazardous Combustion Product: May produce carbon monoxide or other toxic by products in fire. Aerosol cans may explode in fire.

Extinguishing Media: Co<sub>2</sub>, dry chemicals, or water fog.

Fire Fighting Equipment/Instructions: May produce irritating fumes in fire. Use SCBA. Use cautions appropriate to strong alkaline liquid.

Keep aerosol cans cool with water spray.

NFPA Rating: (Flammability 0) (Health 2) (Reactivity 1)

## 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid skin contact. Use gloves and wash up after use. \*Contains a toxic chemical or chemicals subject to the reporting requirements of SARA Title III, Section 313.2 Butoxy Ethanol, <1.5%, Ethylene Glycol, <3%, Diethylene Glycol, 14%.

Environmental Precautions: Avoid spraying product near ignition source.

Method for Cleanup & Containment: Isolate spill and neutralize material with citric acid to an acceptable PH level. Absorb material with spill

absorbent or like material.

Additional Information: Follow local and federal regulations with regard to chemical spills.

## **7. HANDLING AND STORAGE**

Handling Procedure: Avoid skin contact. Use gloves and wash up after use. \*Contains a toxic chemical or chemicals subject to the reporting requirements of SARA Title III, Section 313.2 Butoxy Ethanol, <1.5%, Ethylene Glycol, <3%, Diethylene Glycol, 14%.

Storage Procedures: Store away from reactive chemicals in a cool well ventilated area. Keep container closed.

## **8. EXPOSURE CONTROL / PERSONAL PROTECTION**

Occupational Exposure Limits:

ACGIH Components: Use ventilation adequate to maintain TLV.

OSHA Components: No

Engineering Measures: N/A

Personal Protective Equipment (PPE): Wear resistant gloves and goggles or a face shield. Aprons and boots are optional.

Hygiene Recommendations: Use caution appropriate to strong alkaline detergent solution.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: White

Physical State: Foam

Vapor Pressure: N/A

Boiling Point: 205°F

Solubility (H<sub>2</sub>O): Soluble in water.

Freezing Point: N/D

Odor: Mild Odor

pH: N/D

Density: N/D

Evaporation Rate: N/A

Vapor Density: N/A

Melting Point: N/A

Specific Gravity: 1.03

VOC: <10%

## **10. STABILITY AND REACTIVITY**

Chemical Stability: Stable.

Conditions to Avoid: N/A

Incompatibility: N/A

Hazardous Decomposition: When heated to decomposition, emits Carbon monoxide.

Hazardous Polymerization: Will not occur.

## **11. TOXICOLOGICAL INFORMATION**

Route of Entry: Inhalation, skin and/or ingestion.

Acute Toxicity Data: Acute CNS effects from propellant include headache, dizziness and nausea. Possible skin irritation/dermatitis in sensitive individuals. May be harmful if swallowed.

NTP: No

IARC Monographs: No

Carcinogenicity: No component in this product is a carcinogenic.

Chronic Toxicity: None

## **12. ECOLOGICAL INFORMATION**

Ecotoxicity: N/D

Persistence and Degradability: N/D

Bioaccumulative potential: N/D

Mobility in Soil: N/D

Other Adverse effects: Use caution appropriate to aerosol.

## **13. DISPOSAL CONSIDERATIONS**

Disposal Instructions: Follow local and federal disposal regulations for this material. Do not incinerate aerosol cans.

## **14. TRANSPORTATION INFORMATION**

US DOT Information: UN 1950, Aerosols, 2.1(8), Limited Quantity

UN Number: N/A  
Marine Pollutant: N/D  
Shipping Name: Trouble Shooter  
Required Label: N/A

## 15. REGULATORY INFORMATION

Classification: Irritant, Aerosol

Hazard Symbol: Exclamation Point, Gas Cylinder, Corrosion, Health Hazard



US Federal Regulations:

OSHA'S Hazard Communication Rule, 29 CFR 1910.1200-Is an irritant and corrosive. Harmful if ingested. Propellant will affect CNS.

SARA Title III-This product does not contain chemicals component with known CAS number that exceed the threshold reporting levels established by SARA Title III, section 313.

State Regulations:

California Prop. 65

WARNING: This product can expose you to chemicals including DIETHANOLAMINE, which is known to the State of California to cause cancer and/or cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).



## 16. OTHER INFORMATION

SDS History

Date Prepared: 03/20/2014

Revision Date: 10/22/2021

Contact Information: Sunrise Environmental Scientific  
Remit: PO Box 10207 Reno, NV 89510  
Physical: 1175 Industrial Way Sparks, NV 89431  
Phone Number: 775-359-8494 or 800-648-1153  
Web: [SUNRISENV.COM](http://SUNRISENV.COM)

This SDS is designed only as guidance for the products to which it applies. To the greatest extent permitted by applicable law, nothing contained herein creates any legal obligation including contractual obligations, expressed or implied warranties, including any warranties of merchantability or fitness for particular purpose; or confers any intellectual property rights, including rights to use trademarks or a license to use patents, issued or pending. The information contained herein is based on the manufacturer's own study and the work of others, and is subjected to change at any time without further notice. There is no warranty, expressed or implied, as to the accuracy, completeness or adequacy of the information contained herein and neither the provider nor the manufacturer are liable to any party for any damages or nature. Including direct, special or consequential damages arising out of or in connection with accuracy, completeness, adequacy or furnishing of any information in this SDS, or in any other way related (directly or indirectly) to this SDS. The receipt and use of this information constitutes consent to these terms and conditions. The recipients are advised to confirm in advance of need that the information is current, applicable and suitable to their circumstances.