

# SAFETY DATA SHEET

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Chemical Name: TROUBLE SHOOTER

Application: Aerosol Foaming Degreaser

Product Number: 1093

UN-Number: N/A

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

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

Pages: 3

Web: SUNRISENV.COM

## 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	2%≤8%	25 ppm	25 ppm	700 ppm
*Diethylene Glycol	111-90-0	2%≤8%	N/D	N/D	N/D
Monoethyl Ether					
Propellant	68-476-86-8	7%≤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 (H2O):** 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:** 15.0%

## **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: ORM-D CONSUMER COMMODITY CLASS 55

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



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-This product does not contain any chemicals known to state of California to cause cancer, birth defects, or any other reproductive harm.

## 16. OTHER INFORMATION

SDS History

Date Prepared: 03/20/2014

Revision Date: 04/08/2015

Contact Information: Sunrise Environmental Scientific  
Remit: PO Box 10207 Reno, NV 89510  
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Phone Number: 775-359-8494 or 800-648-1153  
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