



SAFETY DATA SHEET



1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Chemical Name: RED THUNDER

Product Number: 2144

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: All-Purpose Cleaner

UN-Number: N/A

Emergency Phone No.

Chemtrec: 1-800-424-9300

2. HAZARDS IDENTIFICATION

Emergency Overview:

Signal Word: WARNING

Keep out of reach of children.

Potential Health Effects:

Inhalation: Excessive inhalation of vapors may cause irritation of the respiratory tract, nausea, dizziness and/or headache.

Skin Contact: Prolonged contact may cause irritation and/or dryness of skin.

Ingestion: May cause serious health effects including vomiting, nausea and/or gastrointestinal irritation.



3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient:	CAS #	Component WT%	PEL	TLV	IDLH
Triethanolamine	102-71-6	1%≤19%	N/A	5 mg/m ³	N/A
Alkylbenzene sulfonic acid	68584-22-5	5%≤35%	N/A	N/A	N/A
Diethylene glycol	111-46-6	6%≤35%	N/A	N/A	N/A
Diethanolamine	111-42-2	0%≤1%	N/D	2 mg/m ³	N/D
Mono-ethyl ether	111-90-0	4%≤40%	N/A	N/A	N/A

Comments: No OSHA, PEL or TLV established for proprietary penetrating system.

4. FIRST AID MEASURES

Inhalation: If affected by vapors, move to a well ventilated area immediately. If breathing is difficult seek physician help.

Skin Contact: Flush with water, immediately remove all contaminated clothing.

Ingestion: Do not induce vomiting and seek physician care.

Eye Contact: Immediately flush with plenty of water for at least 15 minutes. After initial flushing, remove any contact lenses and continue for at least 15 minutes and seek physician help.

Additional Information: Individuals with pre-existing kidney and liver disorders should avoid contact with this product.

5. FIRE FIGHTING MEASURES

Flash Point: Not flammable.

Upper Flammable Limit (UEL): N/A

Lower Flammable Limit (LEL): N/A

Flammable Limits: N/A

Auto Ignition: N/D

Rate of Burning: N/D

General Fire Hazards: N/A

Hazardous Combustion Product: May produce irritating fumes in fire.

Extinguishing Media: Foam, Co2 and/or dry chemicals.

Fire Fighting Equipment/Instructions: Use SCBA equipment.

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

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Eliminate all the ignition sources such as electrical, static, frictional sparks and pilot. Isolate the area.

Environmental Precautions: Isolate the spilled area. Prevent additional further leakage or spillage, if safe to do so.

Method for Cleanup & Containment: Wear appropriate protective equipment and clothing during the clean-up. Use non-combustible material like vermiculite, sand, clay or other absorbent material to absorb the spilled liquid.

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

7. HANDLING AND STORAGE

Handling Procedure: Avoid breathing mist or vapors. Avoid prolonged contact with skin. Avoid contact with eye. Wear suitable PPE.

Wash hands thoroughly after handling the product.

Storage Procedures: Keep in a well-ventilated cool place, away from open flame, heat, reactive chemicals and/or other source of ignition.

Prevent electrostatic charge build-up by using common bonding and grounding techniques.

Aerosol container may burst if heated over 130°F. Do not store at temperature below 32°F.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Occupational Exposure Limits:

ACGIH Components: Use ventilation adequate to maintain TLV.

OSHA Components: No

Engineering Measures: Use fan in confined area. Use local exhaust ventilation.

Personal Protective Equipment (PPE): Utilize suitable protective clothing, and other appropriate PPEs to protect eyes and hands.

Hygiene Recommendations: Use caution appropriate to Aerosols in use and storage. Use protective equipment (apron and boots are optional).

Consider the effect of exposure potentials, handling practices, chemical concentration and ventilation.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Red liquid

Physical State: Liquid

Vapor Pressure: N/D

Boiling Point: 210°F

Solubility (H₂O): Soluble in water

Freezing Point: N/D

Odor: None

pH: N/D

Density: N/D

Vapor Density: N/D

Melting Point: N/D

Evaporation rate: 1.0

Specific Gravity: 1.07

VOC: 0.0%

10. STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions.

Conditions to Avoid: None

Incompatibility: Oxidizing agents and strong chemicals.

Hazardous Decomposition: Ammonia and oxide of carbon, nitrogen, phosphate and sulfur.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Route of Entry: Inhalation, skin ingestion and eyes.

Acute Chronic Toxicity Data: May cause eye and skin irritation, Ingestion may cause gastric distress and diarrhea.

Carcinogenicity: No component in this product is a carcinogenic.

NTP: No

OSHA regulated: No

IARC Monographs: No

Chronic Toxicity: Not established.

12. ECOLOGICAL INFORMATION

Ecotoxicity: N/D

Persistence and Degradability: N/D

Bioaccumulative potential: N/D

Mobility in Soil: N/D

Other Adverse effects: N/D

13. DISPOSAL CONSIDERATIONS

Disposal Instructions: Follow local and federal disposal regulations. As a non-hazardous liquid waste, it should be solidified with stabilizing absorbent material before disposal.

14. TRANSPORTATION INFORMATION

US DOT Information: LIQUID CLEANER CLASS 55

UN Number: N/A

Marine Pollutant: N/D

Shipping Name: Red Thunder

Required Label: None

15. REGULATORY INFORMATION

Classification: Irritant

Hazard Symbol: Exclamation Point, Health Hazard



US Federal Regulations:

OSHA'S Hazard Communication Rule: Moderate skin irritant, moderate eye irritant.

SARA Title III-This product does not contain chemicals subjected to the reporting requirements by SARA Title III.

State Regulations: None

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.



16. OTHER INFORMATION

SDS History

Date Prepared: 04/03/2014

Revision Date: 08/29/2018

Contact Information: Sunrise Environmental Scientific
Remit: PO Box 10207 Reno, NV 89510
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