



SAFETY DATA SHEET



1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Chemical Name: THRUSTER

Product Number: 2105, 5041

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: Rust Neutralizing Compound

UN-Number: N/A

Emergency Phone No.
Chemtrec: 1800-424-9300

2. HAZARDS IDENTIFICATION

Emergency Overview:

Signal Word: DANGER

Keep out of reach of children.

Potential Health Effects:

Inhalation: May cause irritation of nasal and respiratory passages.

Skin Contact: Frequent or prolonged contact may cause mild irritation.

Ingestion: Can cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Aspiration of material into lungs may cause chemical pneumonitis.

Minimal toxicity.



3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient:	CAS #	Component WT%	PEL	TLV	IDLH
Ethyl Alcohol	64-17-5	N/D	1,000 ppm	1,000 ppm	N/A
Propylene Glycol Monomethyl Ether	107-98-2	N/D	100 ppm	100 ppm	N/A
Pent-(M-digalloyl) Glucose	1405-55-4	N/D	N. E.	N.E.	N.E.

Comments: None

4. FIRST AID MEASURES

Inhalation: Move to an uncontaminated area. Call physician immediately.

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

Ingestion: Do not induce vomiting, drink a large quantity of water and seek medical 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, seek physician help immediately.

Additional Information: None

5. FIRE FIGHTING MEASURES

Flash Point: 78°F

Upper Flammable Limit (UEL): N/A

Lower Flammable Limit (LEL): N/A

Auto Ignition: N/D

Rate of Burning: N/D

General Fire Hazards: At temperatures above 120°F, containers may rupture, vent, or burst.

Hazardous Combustion Product: N/D

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

Fire Fighting Equipment/Instructions: Keep containers cool. Use equipment or shielding required to protect personnel against bursting, rupturing, or venting containers. Wear a self contained breathing apparatus.

NFPA Rating: (Flammability 1) (Health 3) (Reactivity 0)

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid skin contact. Use chemical resistant gloves, safety goggles or face shield and protective clothing. Do not apply above the eye level. When using strong alkaline use extreme caution and read the label completely before use.

Environmental Precautions: Isolate and evacuate 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. By utilizing personal protective equipment (PPE) dilute with water fog, neutralize with Citric Acid to acceptable pH level. Isolate spill and 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 away from reactive chemicals in a cool, well ventilated area.

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 when handling chemicals.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Dark liquid

Physical State: Liquid

Vapor Pressure: 50

Boiling Point: 176°F

Solubility (H2O): Negligible

Freezing Point: N/D

Odor: Mild Odor

pH: N/D

Density: N/D

Vapor Density: N/D

Melting Point: N/A

Specific Gravity: 0.913

VOC: 93.0%

10. STABILITY AND REACTIVITY

Chemical Stability: Stable

Conditions to Avoid: Do not expose to temperatures above 120°F.

Incompatibility: Strong oxidizing agents, strong acids and bases, and selected amines.

Hazardous Decomposition: Carbon monoxide, carbon dioxide.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Route of Entry: Inhalation, skin ingestion and eyes.

Acute Chronic Toxicity Data: Inhalation of mist causes nasal and respiratory damage. Abusive or excessive inhalation may cause irritation to the upper respiratory tract, dizziness, nausea, and other CNS effects. Frequent or prolonged skin contact can cause irritation. Ingestion can result in gastrointestinal irritation, nausea, vomiting, and diarrhea. Aspiration of material into lungs may cause chemical pneumonitis. Mild toxic

Eye contact will result in irritation, blurred vision, redness, and tearing.

NTP: No

IARC Monographs: No

Carcinogenicity: No component in this product is a carcinogenic.

Chronic Toxicity: Dermatitis in sensitive individuals.

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 for corrosive material. It is recommended to pH neutralize with Citric Acid and be solidified with stabilizing absorbent material before disposal.

14. TRANSPORTATION INFORMATION

US DOT Information: ORM-D CONSUMER COMMODITY CLASS 55

Marine Pollutant: Yes

Shipping Name: Thruster

Required Label: N/A

15. REGULATORY INFORMATION

Classification: Irritant

Hazard Symbol: Exclamation Point



US Federal Regulations

OSHA'S Hazard Communication Rule, 29 CFR 1910.1200-Is a moderate skin irritant, moderate eye irritant and a skin sensitizer.

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: 04/16/2015

Revision Date: 03/03/2015

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