



SAFETY DATA SHEET



1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Chemical Name: TWIN POWER Application: Heavy duty cleaner, biodegradable, non-toxic, non-flammable & non-corrosive
Product Number: 2048 UN-Number: N/A
Manufacturer Information: Sunrise Environmental Scientific Emergency Phone No.
Remit: PO Box 10207 Reno, NV 89510 Chemtrec: 1-800-424-9300
Physical: 1175 Industrial Way Sparks, NV 89431
Phone Number: 775-359-8494 or 800-648-1153
Pages: 3 Web: SUNRISENV.COM

2. HAZARDS IDENTIFICATION

Emergency Overview:

Signal Word: WARNING

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

Potential Health Effects:

Inhalation: Move to fresh air.

Skin Contact: Wash with soap and water.

Ingestion: Do not induce vomiting. Drink large quantities of water or milk, see a physician immediately.



3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient:	CAS #	Component WT%	PEL	TLV	IDLH
*2 Butoxyethanol	111-76-2	4%<15%	25 ppm	25 ppm	700 ppm
*Diethylene Glycol Monoethyl Ether	111-90-0	3%<11%	N/A	N/A	N/A
Nonylphenol Polyethylene Glycol Ether	127087-87-0	3%<15%	N/A	N/A	N/A

Comments: None.

4. FIRST AID MEASURES

Inhalation: Move to fresh air.

Skin Contact: Flush with soap and water.

Ingestion: Do not induce vomiting, drink a large quantity of water or milk and seek medical care immediately.

Eye Contact: Immediately flush with plenty of water for at least 15 minutes. See a physician.

Additional Information: None

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 carbon monoxide or other toxic by-products in fire.

Extinguishing Media: Foam, Co2, dry chemicals, or others.

Fire Fighting Equipment/Instructions: May produce irritating fumes in fire, use SCBA equipment.

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

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid spraying product into eyes.

Environmental Precautions: Avoid spraying product near ignition source.

Method for Cleanup & Containment: Isolate spill, neutralize material with citric acid to an acceptable PH level, and absorb material with spill absorbent or like material. Follow local regulations with regard to chemical spills. PH neutralization with citric acid is recommended prior to disposal.

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. Diethylene Glycol Monoethyl Ether, <10%, Ethylene Glycol, <5%.

Storage Procedures: Store 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: N/A

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

Hygiene Recommendations: Use caution appropriate to strong alkaline detergent.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Green liquid

Physical State: Liquid

Vapor Pressure: N/A

Boiling Point: 206°F

Solubility (H2O): Soluble in water

Freezing Point: N/D

Odor: Mild aroma

pH: N/D

Density: N/D

Evaporation Rate: N/A

Vapor Density: N/A

Melting Point: N/A

Specific Gravity: 1.01

VOC: <.5%

10. STABILITY AND REACTIVITY

Chemical Stability: Stable

Conditions to Avoid: N/A

Incompatibility: Oxidizers, strong chemicals

Hazardous Decomposition: May produce carbon monoxide or other toxic by-products in fire.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

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

Acute Toxicity Data: Respiratory irritation. Irritation to eyes and skin. Skin burns on prolonged contact. Dermatitis in some individuals.

Vapors may cause dizziness. Gastrointestinal burns in ingested.

NTP: No

IARC Monographs: No

Carcinogenicity: No

Chronic Toxicity: N/A

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 this material. PH neutralization with citric acid is recommended prior to disposal.

14. TRANSPORTATION INFORMATION

US DOT Information: LIQUID CLEANER CLASS 55

UN Number: N/A
Marine Pollutant: N/D
Shipping Name: Twin Power
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 an irritant. Harmful if ingested.

SARA Title III-This product does contain chemicals component with known CAS number that exceed the threshold reporting levels established by SARA Title III, section 313. 2 Butoxyethanol<10%. Diethylene Glycol Monoethyl Ether <3%.

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: 08/16/2006

Revision Date: 10/09/2019

Contact Information: Sunrise Environmental Scientific
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