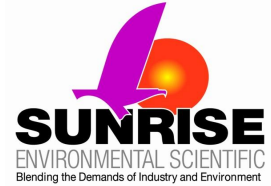




SAFETY DATA SHEET



1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Chemical Name: VORTEX TIRE AND WHEEL CLEANER

Product Number: 2183

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: Tire and Wheel 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: Inhalation may result in irritation.

Skin Contact: Skin contact may cause irritation and/or burning sensation of skin.

Ingestion: Ingestion will have toxic effects.



3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient:	CAS #	Component WT%	PEL	TLV	IDLH
*2 Butoxyethanol	111-76-2	N/D	25 ppm	25 ppm	700 ppm
Sodium Metasilicate	6834-92-0	N/D	5 mg/m ³	5 mg/m ³	N/A
Nonylphenyl polyethylene Glycol ether	127087-87-0	N/D	N/A	N/A	N/A
Diethanolamine	111-42-2	0%≤1%	N/D	2 mg/m ³	N/D

Comments: None

4. FIRST AID MEASURES

Inhalation: Move to fresh air.

Skin Contact: Flush with water and remove soiled clothing.

Ingestion: Do not induce vomiting, drink large quantity of water or milk. SEEK IMMEDIATE 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. Get medical attention.

Additional Information: None

5. FIRE FIGHTING MEASURES

Flash Point: Non-Flammable.

Upper Flammable Limit (UEL): N/A

Lower Flammable Limit (LEL): N/A

Auto Ignition: N/D

Rate of Burning: N/D

General Fire Hazards: N/D

Hazardous Combustion Product: May produce carbon monoxide and irritating fumes.

Extinguishing Media: As appropriate to combustible in the area.

Fire Fighting Equipment/Instructions: Use SCBA equipment.

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

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid skin and eye contact. Use appropriate PPE.

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

Method for Cleanup & Containment: Isolate and neutralize to acceptable PH with citric acid. Soak up spill with absorbent material and dispose according to local and federal regulations.

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

7. HANDLING AND STORAGE

Handling Procedure: Avoid prolonged contact with skin. Avoid contact with eye. Wear suitable PPE.

Storage Procedures: Keep in away from reactive chemicals in a cool, well ventilated area.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Occupational Exposure Limits: N/D

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 strong water soluble degreasing liquid. Avoid contact with skin and eyes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Greenish yellow

Physical State: Liquid

Vapor Pressure: N/A

Boiling Point: 201°F

Solubility (H₂O): Soluble in water

Freezing Point: N/D

Odor: Characteristic odor

pH: N/D

Density: N/D

Vapor Density: N/A

Melting Point: N/A

Specific Gravity: 1.10

VOC: 5.1%

10. STABILITY AND REACTIVITY

Chemical Stability: Stable

Conditions to Avoid: Hot storage.

Incompatibility: Oxidizers, strong chemicals.

Hazardous Decomposition: Carbon monoxide, carbon dioxide, and toxic materials.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Route of Entry: Inhalation, ingestion, eye and skin contact.

Acute Toxicity Data: May irritate eyes, skin and throat.

NTP: No

IARC Monographs: No

Carcinogenicity: No

Chronic Toxicity: Chronic ingestion can result in hemolysis, hemoglobinuria, and liver/kidney damage. May cause 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 lime or baking soda and 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/A

Shipping Name: Vortex Tire and Wheel Cleaner

Required Label: N/A

15. REGULATORY INFORMATION

Classification: Irritant

Hazard Symbol: Exclamation Point, Health Hazard



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 contain chemicals component with known CAS number that exceed the threshold reporting levels established by SARA Title III, section 313. Hydrofluoric Acid $\leq 10\%$.

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.



16. OTHER INFORMATION

SDS History

Date Prepared: 04/18/2014

Revision Date: 08/29/2018

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

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