



SAFETY DATA SHEET



1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Chemical Name: LIGHTNING

Application: Orange Scented Silicone Lubricant

Product Number: 2173

NA-Number: 1993

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: WARNING

Keep out of reach of children.

Potential Health Effects:

Inhalation: Excessive inhalation of vapors can be harmful.

Skin Contact: Wash with soap and water.

Ingestion: May be harmful if swallowed. Do not induce vomiting, see a physician.



3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient:	CAS #	Component WT%	PEL	TLV	IDLH
Silicon Emulsion	N/A	N/A	N/A	N/A	N/A
Aliphatic Hydrocarbon	64742-47-8	N/A	500 ppm	100 ppm	N/A

Comments: No OSHA-PEL or TLV values established for silicone oil, (consider inert).

4. FIRST AID MEASURES

Inhalation: Excessive inhalation of vapors can be harmful, move to fresh air.

Skin Contact: Wash it with water and soap.

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.

Additional Information: None

5. FIRE FIGHTING MEASURES

Flash Point: 177°F COC

Upper Flammable Limit (UEL): N/A

Lower Flammable Limit (LEL): 0.9%

Flammable Limits: Isoparaffinic Hydrocarbon

Auto Ignition: N/D

Rate of Burning: N/D

General Fire Hazards: N/A

Hazardous Combustion Product: Carbon Monoxide.

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

Fire Fighting Equipment/Instructions: Use SCBA equipment with full face piece operated in the positive pressure mode.

NFPA Rating: (Flammability 2) (Health 1) (Reactivity 0)

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid spraying product into eyes.

Environmental Precautions: Avoid spraying product near ignition source.

Method for Cleanup & Containment: Wear appropriate protective equipment and clothing during the clean-up. By utilizing personal protective equipment (PPE). 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 direct contact with eyes.

Storage Procedures: Avoid hot storage under 32°F and away from reactive chemicals.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

ACGIH Components: Use ventilation adequate to maintain TLV.

OSHA Components: No

IARC Monographs: No

NTP: No

Engineering Measures: N/A

Personal Protective Equipment (PPE): Do not spray directly into eyes. Using gloves, apron and boots are optional.

Hygiene Recommendations: Avoid using product near ignition source. Avoid prolonged skin contact. Use gloves or wash up after use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear yellow liquid

Physical State: Waxy

Vapor Pressure: 15mm Hg

Boiling Point: >345°F

Solubility (H₂O): Insoluble in water

Freezing Point: N/D

Odor: Citrus odor

pH: N/D

Density: N/D

Evaporation Rate: N/D

Vapor Density: 3.8

Melting Point: N/D

Specific Gravity: 0.78

VOC: 69.0%

10. STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions.

Conditions to Avoid: Hot storage over 120°F and cold storage under 32°F.

Incompatibility: Strong chemicals and oxidizers.

Hazardous Decomposition: When heated to decomposition, emits Carbon monoxide, Carbon Dioxide, Nitrogen and Silico

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

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

Acute Toxicity Data: Possible skin irritation/dermatitis in sensitive individuals. May be harmful if swallowed.

OSHA: No

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: N/D

13. DISPOSAL CONSIDERATIONS

Disposal Instructions: Follow local and federal disposal regulations for this material.

14. TRANSPORTATION INFORMATION

US DOT Information: NA 1993 COMBUSTIBLE LIQUID, N.O.S. (NAPHTHA PETROLEUM, HEAVY ALKYLATE), PG III, CLASS 70

Marine Pollutant: N/D

Shipping Name: Lightning

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 eye irritant when directly sprayed in the eyes.

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: 04/02/2014

Revision Date: 04/15/2015

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