



# SAFETY DATA SHEET



## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Chemical Name: TEF-LUBE

Product Number: 1024

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  
Web: SUNRISENV.COM

Application: Speciality lubricant and release agent (non-oily)

UN-Number: N/A

Emergency Phone No.  
Chemtrec: 1-800-424-9300

Pages: 3

## 2. HAZARDS IDENTIFICATION

### Emergency Overview:

Signal Word: DANGER

Keep out of reach of children.

### Potential Acute Health Effects:

Hazardous in case of eye contact (irritant) and inhalation. Toxic if ingested. Hazardous in case of skin contact (irritant and sensitizer).

### Potential Chronic Health Effects:

Slightly hazardous in case of skin contact (sensitizer). The substance may be toxic. The prolonged exposure to the product can produce target organ (kidneys, liver, skin and central nervous system (CNS)) damage.



## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient:	CAS #	Component WT%	PEL	TLV	IDLH
Acetone	67-64-1	25%≤75%	400 ppm	N/A	N/A
Propellant	68-476-86-8	5%≤18%	N/A	600 ppm	20,000 ppm
Comments: None					

## 4. FIRST AID MEASURES

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

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

Ingestion: Do not induce vomiting and seek medical attention.

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 medical attention.

Additional Information: Signs of exposure are dizziness, nausea, possible dermatitis and headache.

## 5. FIRE FIGHTING MEASURES

Flash Point: 15.8°F

Upper Flammable Limit (UEL): 12.8%

Lower Flammable Limit (LEL): 2.6%

Flammable Limit: N/D

Auto Ignition: N/A

Rate of Burning: ND

General Fire Hazards: Aerosol can may explode and release flammable propellant. Use extreme caution.

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 3) (Health 2) (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 place to maintain TLV, away from open flame, heat, reactive chemicals and/or other source of ignition.

Avoid storing above 120°F and under 32°F. Prevent electrostatic charge build-up by using common bonding and grounding techniques.

## **8. EXPOSURE CONTROL / PERSONAL PROTECTION**

Occupational Exposure Limits:

ACGIH Components: Use ventilation adequate to maintain TLV.

OSHA Components: Regulated.

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 terpenes. Use protective equipment's (apron and boots are optional).

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

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance: Oily tan brown liquid

Physical State: Liquid

Vapor Pressure: N/A

Boiling Point: 210°F

Solubility (H2O): Insoluble in water

Freezing Point: N/D

Odor: N/A

pH: N/D

Evaporation rate: <1

Density: N/D

Vapor Density: N/A

Melting Point: N/A

Specific Gravity: 0.795

VOC: 11.0%

## **10. STABILITY AND REACTIVITY**

Chemical Stability: Stable under normal conditions.

Conditions to Avoid: Heat, flames and sparks.

Incompatibility: Oxidizing agents, acids, Hypochlorite and chlorine.

Hazardous Decomposition: Carbon Monoxide

Hazardous Polymerization: Will not occur

## **11. TOXICOLOGICAL INFORMATION**

Acute Chronic Toxicity Data: May affect central nervous system on over exposure, effects includes fatigue, headache, dizziness, nausea, numbness, eye and skin irritation. Harmful if swallowed.

OSHA: No

Carcinogenicity: No component in this product is a carcinogenic.

IARC Monographs: No

NTP: 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. Do not incinerate aerosol can.

## 14. TRANSPORTATION INFORMATION

US DOT Information: ORM-D CONSUMER COMMODITY CLASS 55

UN Number: N/A

Marine Pollutant: N/A

Shipping Name: Tef-Lube

Required Label: N/A

## 15. REGULATORY INFORMATION

Classification: Flammable, Aerosol

Hazard Symbol: Exclamation Point, Gas Cylinder, Flame



US Federal Regulations:

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

SARA Title III-This product does not contain any chemicals component with known CAS number that exceed the threshold reporting level establish 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: 03/15/2013

Revision Date: 03/02/2015

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