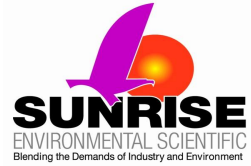




SAFETY DATA SHEET



1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Chemical Name: AF3

Product Number: 1013

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: Penetrating Lubricant

UN-Number: N/A

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

Pages:3

2. HAZARDS IDENTIFICATION

Emergency Overview:

Signal Word: WARNING



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
Aliphatic Petroleum Distillates	64742-47-8 / 64742-96-7	25%≤75%	400 ppm	N/A	N/A
Propellant	68-476-86-8	5%≤18%	N/A	600 ppm	20,000 ppm

Comments: No OSHA, PEL or TLV established for proprietary penetrating system.

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 get 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: 186°F COC

Upper Flammable Limit (UEL): 9.5%

Lower Flammable Limit (LEL): 2.2%

Flammable Limit: Propane

Auto Ignition: N/A

Rate of Burning: N/D

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 2) (Health 1) (Reactivity 1)

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. 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: 0.79

VOC: <25.0%

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.

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 INFORMATIONS

US DOT Information: UN 1950, Aerosols, 2.1, Limited Quantity

UN Number: N/A

Marine Pollutant: N/D

Shipping Name: AF3

Required Label: N/A

15. REGULATORY INFORMATION

Classification: Aerosol

Hazard Symbol: Exclamation Point, Gas Cylinder



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 any chemicals component with known CAS number that exceed the threshold reporting levels
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: 12/30/2019

Revision Date: N/A

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: www.sunrisenv.com

This SDS is designed only as guidance for the products to which it applies. To the greatest extent permitted by applicable law, nothing contained herein creates any legal obligation including contractual obligations, expressed or implied warranties, including any warranties of merchantability or fitness for particular purpose; or confers any intellectual property rights, including rights to use trademarks or a license to use patents, issued or pending. The information contained herein is based on the manufacturer's own study and the work of others, and is subjected to change at any time without further notice. There is no warranty, expressed or implied, as to the accuracy, completeness or adequacy of the information contained herein and neither the provider nor the manufacturer are liable to any party for any damages or nature. Including direct, special or consequential damages arising out of or in connection with accuracy, completeness, adequacy or furnishing of any information in this SDS, or in any other way related (directly or indirectly) to this SDS. The receipt and use of this information constitutes consent to these terms and conditions. The recipients are advised to confirm in advance of need that the information is current, applicable and suitable to their circumstances.