

PRODUCT SAFETY DATA SHEET

Sheet 1 of 3
Date:2011
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FLUID FILM® AEROSOL (AS)

1. Identification of the Substance/Preparation & Supplier

Name of Manufacturer/Supplier: Eureka Chemical Company
Address & Phone No. 234 Lawrence Avenue
South San Francisco, CA 94080
USA Tel: (650)761-3536 Fax: (650)589-1943
24 Hour Telephone Chemtrec (800) 424-9300

Product Name: FLUID FILM® AEROSOL (AS)
Product Type: Liquid, Lubricant, Corrosion Inhibitor

HAZARD RATING

N	4 – EXTREME	HEALTH	0
F	3 – HIGH	FIRE	4
P	2 – MODERATE	REACTIVITY	0
A	1 – SLIGHT	SPECIAL	
	0 – INSIGNIFICANT		

2. Composition/Information on Ingredients

Hazardous components:	CAS No.	Exposure Limit ACGIH / OSHA
Liquefied Petroleum Gas	68476-86-8	1000 ppm TLV / PEL
Petroleum Oil	64742-54-7	5 mg/m ³ TWA (Mist)

Product less propellant contains no solvents or known carcinogens.

3. Hazards Information

Aerosol - Contents under pressure, 70 ± 5 PSIG

Eye Contact: May cause mild irritation.

Skin Contact: Prolonged contact could cause irritation.

Inhalation: Exposure in confined areas, without benefit of protective gear, may result in light-headedness and irritation to respiratory tract.

Ingestion: No information available.

4. First Aid Measures

Eye Contact: Flush with plenty of clean water for at least 15 minutes. If irritation persists, obtain medical attention.

Skin Contact: Wipe excess material from the skin with a cloth, followed by washing with soap and water. A waterless skin cleanser is beneficial in removing the material from the skin.

Inhalation: If respiratory symptoms develop, move victim away from source of exposure and into fresh air. If symptoms persist, seek medical attention.

Ingestion: If symptoms develop, seek medical attention.

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5. Fire Fighting Measures

Flammability: Flammable.
Extinguishing Media: Extinguish with dry chemical, CO₂ or foam.
Special Considerations: Aerosol - Contents under pressure, 70 ± 5 PSIG. Fire fighters should enter area wearing positive pressure respiratory protection.

6. Accidental Release Measures

Do not allow product to enter drains or water courses. Transfer bulk of material into another container. Absorb remaining residue with proper absorbents such as earth or vermiculite. Sweep up and dispose of as solid waste in accordance with applicable regulations.

7. Handling and Storage

Storage Temperature: 0 - 49°C
Storage Precautions: No special requirements. Keep in closed containers.
Handling: Avoid contact with skin and eyes. Observe good standards of industrial hygiene.

8. Exposure Controls/Personal Protection

Engineering Measures: Provide forced air ventilation in tanks and confined spaces.
Respiratory Protection: Use approved respirator with organic vapor cartridges in tanks and confined spaces.
Eyes: Use chemical eye goggles in tanks and confined spaces.
Hand: Non-natural, non-butyl rubber gloves are recommended.
Skin: Use protective clothing. Remove contaminated clothing and wash the affected area with soap and water.
Exposure Limits: Not determined.

9. Typical Physical and Chemical Properties

Appearance: Straw colored liquid. **Odor:** Mild piney odor (less propellant). **Water Solubility:** Not soluble. **pH Neat:** 7.8 **Specific Gravity (25°C):** 0.880 (less propellant). **Freezing Point:** Not determined. **Vapor Pressure:** Not determined. **Boiling Point:** Not determined. **Flash Point:** Propellant -91°C (Closed cup). AS (less propellant) 207°C (COC). **VOC:** 27% **VOC:** 237 grams / liter

10. Stability and Reactivity

Stability: Stable under normal conditions. Hazardous polymerization will not occur.
Hazardous Decomposition Products: Combustion can produce a variety of compounds including oxides of sulfur, oxides of carbon, water vapor and unidentified organic and inorganic compounds, some of which may be toxic.
Conditions to Avoid: Exposed flames, high temperature sources and strong oxidizers.

11. Toxicological Information

LD50 (Animal/Oral): Product less propellant - Greater than 14 Grams/Kilogram

Health Effects:

Eyes: Minimally irritating.

Skin: Prolonged contact could cause skin irritation.

Inhalation: Excessive exposure due to lack of protective gear or proper ventilation could result in pulmonary abnormalities.

Ingestion: Ingestion of this product is not regarded as a significant health hazard likely to arise in normal use.

12. Ecological Information

No data available.

13. Disposal Recommendations

Product should be disposed of via authorized waste disposal contractors in accordance with all local and national regulations.

14. Transportation Information

<u>Mode</u>	<u>Shipping Name</u>	<u>Hazard Class</u>	<u>Number</u>
D.O.T. Ground	Consumer Commodity	ORM-D	UN1950
IMDG	Aerosol Dangerous Goods in Limited Quantities	2	UN1950

15. Regulatory Information

Safety Phrases: Keep out of reach of children.

16. Other Information

Do not mix with other chemicals.

This data sheet does not constitute an assessment of the workplace risks as required under the provisions of the Health & Safety at Work act and the Control of Substances Hazardous to Health (COSHH).

Legal Disclaimer: The information supplied above is based upon the present state of our knowledge of the product at the time of publication. It is given in good faith and no warranty is implied with respect to the specification or quality of the product. The user must satisfy himself that the product is entirely suitable for his purpose.