

# PRODUCT SAFETY DATA SHEET

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Date:2011

Revision: 3

**FLUID FILM® LIQUID A**

## 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® LIQUID A  
**Product Type:** Liquid, Corrosion Inhibitor

HAZARD RATING	
N	4 – EXTREME
F	3 – HIGH
P	2 – MODERATE
A	1 – SLIGHT
	0 - INSIGNIFICANT
	HEALTH <u>1</u>
	FIRE <u>1</u>
	REACTIVITY <u>0</u>
	SPECIAL

## 2. Composition/Information on Ingredients

Contains no solvents or known carcinogens.

**Hazardous components:** **CAS No.**  
Petroleum Oil Mist 64742-53-6  
(Only when sprayed) 64742-54-7

## 3. Hazards Information

**Eye Contact:** May cause mild irritation.  
**Skin Contact:** Prolonged contact could cause irritation.  
**Inhalation:** Prolonged exposure to mist without benefit of protective gear may irritate 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:** Combustible. Will not readily ignite.

**Extinguishing Media:** Extinguish with dry chemical, CO<sub>2</sub>, water spray, foam, sand or earth. Water and foam may cause frothing.

**Special Considerations:** No special considerations. 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 when applying in tanks and other confined spaces.

**Respiratory Protection:** Use approved respirator with organic vapor cartridges when spray applying in tanks and other confined spaces.

**Eyes:** Use chemical eye goggles when spray applying.

**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:** Amber Liquid. **Odor:** Mild piney odor. **Water Solubility:** Not soluble. **pH Neat:** 10.3  
**Specific Gravity (25°C):** 0.908 **Freezing Point:** Not determined. **Vapor Pressure:** Not determined.  
**Boiling Point:** Not determined. **Flash Point:** 157°C (COC)

### 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):** Greater than 14 Grams/Kilogram

**Health Effects:**

**Eyes:** Minimally irritating.

**Skin:** Prolonged contact could cause skin irritation.

**Inhalation:** Should product be sprayed, 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

Non-hazardous.

## 15. Regulatory Information

**Safety Phrases:** Children can fall into bucket and drown. Keep children away from buckets containing even a small amount of water.

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.