

PRODUCT SAFETY DATA SHEET

Sheet 1 of 3

Date: 2010

Revision: 3

FLUID FILM® GEL WRO-EP

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® GEL WRO-EP

Product Type: Grease, Wire Rope - Exposed Gear, NSN-9150-00-530-6814

HAZARD RATING

N 4 - EXTREME

F 3 - HIGH

P 2 - MODERATE

A 1 - SLIGHT

0 - INSIGNIFICANT

HEALTH 1

FIRE 1

REACTIVITY 0

SPECIAL

2. Composition/Information On Ingredients

CAS#

72623-83-7

1592-23-0

68424-44-2

61789-86-4

10254-57-6

1333-86-4

MATERIAL NAME

Refined Petroleum Oil

Calcium Stearate

Calcium Lanolate

Calcium Petroleum Sulfonate

Methylene bis (dibutyldithiocarbamate)

Carbon Black

Contains no solvents or known carcinogens.

Hazardous components:

N/A

3. Hazards Information

Eye Contact:

May cause mild irritation.

Skin Contact:

Prolonged contact could cause irritation.

Inhalation:

Significant levels of vapor not likely to occur in normal use.

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.

5. Fire Fighting Measures

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Sheet 2 of 3

Product Type: Grease, Wire Rope - Exposed Gear

Flammability: Combustible. Will not readily ignite.

Extinguishing Media: Extinguish with dry chemical, CO₂, 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 confined spaces.

Respiratory Protection: Unlikely to be necessary. Use approved chemical filter respirator.

Eyes: Safety glasses or chemical eye goggles are suggested.

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: Green, black gel. **Odor:** Mild piney odor. **Water Solubility:** Not soluble. **pH Neat:** 7.3

Specific Gravity (25°C): 0.933 **Freezing Point:** Not determined. **Vapor Pressure:** Not determined.

Boiling Point: Not determined. **Flash Point:** 254°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): No data available.

Health Effects: Eyes: Mildly irritating.

Skin: Prolonged contact could cause skin irritation.

Inhalation: Unlikely to present any significant hazard during normal use at ambient temperature. 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

Fluid Film Gel WRO-EP conforms to MIL-PRF-18458C.

Submarine Material Usage Category- Limited- 100 Deg.F Maximum Temperature

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.