



# SAFETY DATA SHEET

Revision Date 05/24/2018

## 1. IDENTIFICATION

### Product Identifier

**Product Name** Fluid Film® WRN-EP  
**Product Type** Grease, Wire Rope - Exposed Gear

### Recommended use of the chemical and restrictions on use

**Recommended Use** Corrosion inhibitor, lubricant

**Uses advised against** No information available

### Details of the supplier of the safety data sheet

**Supplier Name** Eureka Chemical Company  
**Supplier Address** 234 Lawrence Ave  
South San Francisco, CA 94080  
US  
**Supplier Phone Number** Phone: 650-761-3536  
Fax: 650-589-1943  
Contact Phone: 1-650-761-3536  
**Supplier Email** info@fluid-film.com  
**Emergency telephone number** Chemtrec (800) 424-9300

## 2. HAZARDS IDENTIFICATION

### Classification

Not classified as hazardous according to the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

### GHS Label elements, including precautionary statements

None.

### Emergency Overview

<b>Signal word</b>	None		
<b>Hazard Statements</b>	None		
<b>Appearance</b>	Jade green gel	<b>Physical State</b>	Solid
		<b>Odor</b>	Mild piney odor

### **Precautionary Statements - Prevention**

Obtain special instructions before use  
Do not handle until all safety precautions have been read and understood  
Use personal protective equipment as required

### **Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention

### **Precautionary Statements - Storage**

No special requirements. Keep container tightly closed.

### **Precautionary Statements - Disposal**

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

**Hazards not otherwise classified (HNOC)**

Not applicable.

**Unknown Toxicity**

No information available.

**Other information**

No information available.

**Interactions with Other Chemicals**

No information available.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No.	Weight-%	Trade Secret
Refined petroleum oil, hydrotreated heavy paraffinic	64742-54-7	50-90	*
Benzenesulfonic Acid, Di-C10-18-alkyl derivs., calcium salts	93820-57-6	1-10	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret

**4. FIRST AID MEASURES****First aid measures****General Advice**

Immediate medical attention is required.

**Eye Contact**

Rinse thoroughly with plenty of water for at least 15 minutes, also under the eyelids. If symptoms persist, call a physician.

**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. In the case of skin irritation or allergic reactions, see a physician.

**Inhalation**

If respiratory symptoms develop, remove to fresh air. If symptoms persist, call a physician.

**Ingestion**

Do NOT induce vomiting. Drink plenty of water. If symptoms persist, call a physician.

**Most important symptoms and effects, both acute and delayed****Most Important Symptoms and Effects** No information available.**Indication of any immediate medical attention and special treatment needed****Notes to Physician** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

CO<sub>2</sub>, Dry Chemical, Foam

### Unsuitable Extinguishing Media

CAUTION: Use of water spray when fighting fire may be inefficient.

### Specific Hazards Arising from the Chemical

No information available.

#### **Uniform Fire Code**

Combustible. Will not readily ignite.

### Hazardous Combustion Products

Carbon oxides.

### Explosion Data

**Sensitivity to Mechanical Impact** No.

**Sensitivity to Static Discharge** No.

### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal Precautions** Avoid contact with eyes.

**Other Information** Refer to protective measures listed in Sections 7 and 8.

### Environmental Precautions

**Environmental Precautions** Refer to protective measures listed in Sections 7 and 8.

### Methods and material for containment and cleaning up

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

### Conditions for safe storage, including any incompatibilities

**Storage** Keep container tightly closed.

**Incompatible Products** None known based on information supplied.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Exposure Guidelines

Not applicable.

#### Other Exposure Guidelines

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992)

### Appropriate engineering controls

#### Engineering Measures

Showers  
Eyewash stations  
Ventilator systems

### Individual protection measures, such as personal protective equipment

#### Eye/Face Protection

No special protective equipment required.

#### Skin and Body Protection

Wear protective gloves and protective clothing.

#### Respiratory Protection

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

#### Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical and Chemical Properties

#### Physical State

Solid

#### Appearance

Jade green gel

#### Color

Jade green

#### Odor

Mild piney odor

#### Odor Threshold

No information available

### Property

### Values

### Remarks/Method

#### pH

8.0

None known

#### Melting / freezing point

No data available

None known

#### Boiling point / boiling range

No data available

None known

#### Flash Point

177 C / 350 F

None known

#### Evaporation Rate

No data available

None known

#### Flammability (solid, gas)

No data available

None known

#### Flammability Limit in Air

##### Upper flammability limit

No data available

##### Lower flammability limit

No data available

#### Vapor pressure

No data available

None known

#### Vapor density

No data available

None known

#### Specific Gravity

0.908

None known

#### Water Solubility

Insoluble in water

None known

#### Solubility in other solvents

No data available

None known

#### Partition coefficient: n-octanol/water

No data available

None known

#### Autoignition temperature

No data available

None known

#### Decomposition temperature

No data available

None known

#### Kinematic viscosity

No data available

None known

#### Dynamic viscosity

No data available

None known

#### Explosive properties

No data available

#### Oxidizing Properties

No data available

**Other Information**

<b>Softening Point</b>	No data available
<b>Particle Size</b>	No data available
<b>Particle Size Distribution</b>	No data available

## 10. STABILITY AND REACTIVITY

**Reactivity**

No data available.

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Hazardous Polymerization**

Hazardous polymerization does not occur.

**Conditions to avoid**

None known based on information supplied.

**Incompatible materials**

None known based on information supplied.

**Hazardous Decomposition Products**

Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

<b>Product Information</b>	Product does not present an acute toxicity hazard based on known or supplied information.
<b>Inhalation</b>	Specific test data for the substance or mixture is not available.
<b>Eye Contact</b>	Minimally irritating.
<b>Skin Contact</b>	Prolonged contact could cause skin irritation.
<b>Ingestion</b>	Specific test data for the substance or mixture is not available.

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Calcium petroleum sulfonate 61789-86-4	> 5000 mg/kg (Rat)	> 4000 mg/kg (Rabbit)	-

**Information on toxicological effects**

**Symptoms** No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization** No information available.

<b>Mutagenic Effects</b>	No information available.
<b>Carcinogenicity</b>	Contains no known carcinogens.
<b>Reproductive Toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Chronic Toxicity</b>	No information available.
<b>Target Organ Effects</b>	No information available.
<b>Aspiration Hazard</b>	No information available.

#### **Numerical measures of toxicity Product Information**

The following values are calculated based on chapter 3.1 of the GHS document

Not applicable

## **12. ECOLOGICAL INFORMATION**

#### **Ecotoxicity**

No information available.

#### **Persistence and Degradability**

No information available.

#### **Bioaccumulation**

No information available

#### **Other adverse effects**

No information available.

## **13. DISPOSAL CONSIDERATIONS**

#### **Waste treatment methods**

<b>Disposal methods</b>	Product should be disposed of via authorized waste disposal contractors in accordance with all local and national regulations. Consult the appropriate state, regional, or local regulations for additional requirements.
<b>Contaminated Packaging</b>	Dispose of contents/containers in accordance with local regulations.
<b>California Hazardous Waste Codes</b>	Not applicable.

## **14. TRANSPORT INFORMATION**

<b><u>DOT</u></b>	NOT REGULATED
<b>Proper Shipping Name</b>	NON REGULATED
<b>Hazard Class</b>	N/A
<b><u>IDG</u></b>	Not regulated
<b><u>MEX</u></b>	Not regulated

<b>ICAO</b>	Not regulated
<b>IATA</b>	Not regulated
<b>Proper Shipping Name</b>	NON REGULATED
<b>Hazard Class</b>	N/A
<b>IMDG/IMO</b>	Not regulated
<b>Hazard Class</b>	N/A
<b>RID</b>	Not regulated
<b>ADR</b>	Not regulated
<b>ADN</b>	Not regulated

## 15. REGULATORY INFORMATION

### International Inventories

TSCA	Complies
DSL	All components are listed either on the DSL or NDSL.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

### US Federal Regulations

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

#### SARA 302 Extremely Hazardous Substances (TPQ) None

#### CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

#### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

#### VOC Regulations

This product complies with the consumer product VOC limits of CARB, the US EPA and states adopting the OTC VOC rules.

### US State Regulations

#### California Proposition 65

This product does not contain any Proposition 65 chemicals.

### International Regulations

Canada  
**WHMIS Hazard Class**  
 Not applicable.

## 16. OTHER INFORMATION

<b>NFPA</b>	<b>Health Hazards</b> 1	<b>Flammability</b> 1	<b>Instability</b> 0	
<b>HMIS</b>	<b>Health Hazards</b> 1	<b>Flammability</b> 1	<b>Physical Hazard</b> 0	
				<b>Physical and Chemical Hazards</b> - <b>Personal Protection</b> X

**Chronic Hazard Star Legend** \* = Chronic Health Hazard

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### Disclaimer

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**End of Safety Data Sheet**