1. IDENTIFICATION

Product identifier

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Fluid Film® Aerosol (AS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Type</td>
<td>Liquid, lubricant, Corrosion inhibitor</td>
</tr>
</tbody>
</table>

Other means of identification

| Synonyms | None |

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: 650-754-6131 Fax: 650-589-1943 Contact Phone: 1-650-754-6131 |
| Supplier Email | info@fluid-film.com |
| Emergency telephone number | Chemtrec (800) 424-9300 |

2. HAZARDS IDENTIFICATION

Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

| Flammable Aerosols | Category 1 |

GHS Label elements, including precautionary statements

Emergency Overview

Signal word | Danger |
| Hazard Statements | Extremely flammable aerosol |

Appearance | Straw-colored liquid | Physical State | Liquid spray Aerosol | Odor | Mild wax 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.
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Pressurized container: Do not pierce or burn, even after use.
Do not spray on an open flame or other ignition source.

Precautionary Statements - Response
IF exposed or concerned: Get medical advice/attention

Precautionary Statements - Storage
Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
<th>Trade Secret</th>
</tr>
</thead>
<tbody>
<tr>
<td>Refined petroleum oil, hydrotreated heavy paraffinic</td>
<td>64742-54-7</td>
<td>40 - 80</td>
<td>*</td>
</tr>
<tr>
<td>Petroleum gases, liquified, sweetened</td>
<td>68476-86-8</td>
<td>1 - 25</td>
<td>*</td>
</tr>
<tr>
<td>Benzenesulfonic Acid, D1-C10-18-alkyl derivs., calcium salts</td>
<td>93820-57-6</td>
<td>1 - 10</td>
<td>*</td>
</tr>
</tbody>
</table>

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

4. FIRST AID MEASURES

First aid measures

General Advice
Show this safety data sheet to the doctor in attendance.

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.

Self-protection of the first aider
Ensure that medical personnel are aware of the material(s) involved.
**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**
Dry chemical. Carbon dioxide (CO2). Foam.

**Unsuitable Extinguishing Media**
DO NOT EXTINGUISH A LEAKING GAS FIRE UNLESS LEAK CAN BE STOPPED.

**Specific Hazards Arising from the Chemical**
Some may burn but none ignite readily. Ruptured cylinders may rocket.

**Uniform Fire Code**
Aerosols: Level III

**Hazardous Combustion Products**
Carbon oxides.

**Explosion Data**

<table>
<thead>
<tr>
<th>Sensitivity to Mechanical Impact</th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitivity to Static Discharge</td>
<td>Yes.</td>
</tr>
</tbody>
</table>

**Protective equipment and precautions for firefighters**
Move containers from fire area if you can do it without risk. Damaged cylinders should be handled only by specialists.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions**
Stop leak if you can do it without risk.

**Other Information**
Ventilate the area.

**Environmental Precautions**

**Environmental Precautions**
Prevent entry into waterways, sewers, basements or confined areas.

**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. Do not puncture or incinerate cans. Contents under pressure. Avoid breathing vapors or mists. Avoid contact with eyes. Keep away from open flames, hot surfaces and sources of ignition.

Conditions for safe storage, including any incompatibilities

Storage

Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from sunlight. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers.

Incompatible Products

None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Refined petroleum oil, hydrotreated heavy paraffinic 64742-54-7</td>
<td>TWA: 5 mg/m³, as oil mist, mineral STEL: TWA: 10 mg/m³, as oil mist, mineral</td>
<td>TWA: 5 mg/m³, as oil mist, mineral</td>
<td></td>
</tr>
</tbody>
</table>

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits NIOSH IDLH Immediately Dangerous to Life or Health

Other Exposure Guidelines

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 982 (11th Cir., 1992) See section 15 for national exposure control parameters

Appropriate engineering controls

Engineering Measures

Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/Face Protection

No special protective equipment required. Use chemical eye goggles in tanks and confined spaces.

Skin and Body Protection

Wear protective gloves and protective clothing.

Respiratory Protection

No protective equipment is needed under normal use conditions. Use approved respirator with organic vapor cartridges in tanks and confined spaces. 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

Liquid spray Aerosol
11. TOXICOLOGICAL INFORMATION
Information on likely routes of exposure

Product Information
Product does not present an acute toxicity hazard based on known or supplied information.

Inhalation
Specific test data for the substance is not available.

Eye Contact
Minimally irritating.

Skin Contact
Prolonged contact could cause skin irritation.

Ingestion
> 5000 mg/kg (Rat)

Component Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzenesulfonic Acid, calcium salts 93820-57-6</td>
<td>&gt; 5000 mg/kg (Rat)</td>
<td>&gt; 2000 mg/kg (Rabbit)</td>
<td>-</td>
</tr>
</tbody>
</table>

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.

Mutagenic Effects
There is no data available for this product.

Carcinogenicity
Contains no known carcinogens.

Reproductive Toxicity
No information available.

STOT - single exposure
No information available.

STOT - repeated exposure
No information available.

Chronic Toxicity
No information available.

Target Organ Effects
No information available.

Aspiration Hazard
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**

**Disposal methods**
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.

**Contaminated Packaging**
Dispose of contents/containers in accordance with local regulations.

14. TRANSPORT INFORMATION

**DOT**
- **Proper Shipping Name**: CONSUMER COMMODITY
- **Hazard Class**: ORM-D
- **Description**: CONSUMER COMMODITY, ORM-D
- **Emergency Response Guide Number**: 126

**TDG**
- **UN-No.**: UN1950
- **Proper Shipping Name**: AEROSOLS
- **Hazard Class**: 2.1
- **Description**: UN1950, AEROSOLS, 2.1

**MEX**
- **UN-No.**: UN1950
- **Proper Shipping Name**: AEROSOLS
- **Hazard Class**: 2.1
- **Description**: UN1950, AEROSOLS, 2.1

**ICAO**
- **UN-No.**: UN1950
- **Proper Shipping Name**: AEROSOLS
- **Hazard Class**: 2.1
- **Description**: UN1950, AEROSOLS, 2.1

**IATA**
- **UN-No.**: UN1950
- **Proper Shipping Name**: AEROSOLS, FLAMMABLE
- **Hazard Class**: 2.1
- **Description**: UN1950, AEROSOLS, FLAMMABLE, 2.1
**IMDG/IMO**

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<tbody>
<tr>
<td>Proper Shipping Name</td>
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<tr>
<td>Hazard Class</td>
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<tr>
<td>EmS No.</td>
<td>F-D, S-U</td>
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<tr>
<td>Description</td>
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**RID**

<table>
<thead>
<tr>
<th>UN-No.</th>
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<tbody>
<tr>
<td>Proper Shipping Name</td>
<td>AEROSOLS</td>
</tr>
<tr>
<td>Hazard Class</td>
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</tr>
<tr>
<td>Classification code</td>
<td>5F</td>
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<tr>
<td>Description</td>
<td>UN1950, AEROSOLS, 2.1</td>
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**ADR**

<table>
<thead>
<tr>
<th>UN-No.</th>
<th>UN1950</th>
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<tbody>
<tr>
<td>Proper Shipping Name</td>
<td>AEROSOLS</td>
</tr>
<tr>
<td>Hazard Class</td>
<td>2.1</td>
</tr>
<tr>
<td>Classification code</td>
<td>5F</td>
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<tr>
<td>Tunnel restriction code</td>
<td>(D)</td>
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<td>Description</td>
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**ADN**

<table>
<thead>
<tr>
<th>UN-No.</th>
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</thead>
<tbody>
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<td>Proper Shipping Name</td>
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</tr>
<tr>
<td>Hazard Class</td>
<td>2.1</td>
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<tr>
<td>Classification code</td>
<td>5F</td>
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<tr>
<td>Special Provisions</td>
<td>190, 327, 344, 625</td>
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<td>Description</td>
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<tr>
<td>Limited Quantity</td>
<td>1 L</td>
</tr>
<tr>
<td>Ventilation</td>
<td>VE01, VE04</td>
</tr>
</tbody>
</table>

**15. REGULATORY INFORMATION**

**International Inventories**

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

**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 chemical or 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: Yes
  - Sudden release of pressure hazard: Yes
  - Reactive Hazard: No

**VOC Regulations**

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

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Physical and Chemical Hazards - Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>4</td>
<td>0</td>
<td>X</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Physical Hazard</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>4</td>
<td>0</td>
</tr>
</tbody>
</table>

Chronic Hazard Star Legend * = Chronic Health Hazard

Prepared By
Product Stewardship
23 British American Blvd.
Latham, NY 12110
1-800-572-6501

Revision Date
05/20/2015

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End of Safety Data Sheet