



# SILVER FERN CHEMICAL, INC.

## Safety Data Sheet

### Ferndoss 75-PG

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#### 1 - Product and Company Identification

**Product name:** Ferndoss 75-PG

**Product type/usage/industry:** Surfactant

**Details of the supplier of the safety data sheet:** Silver Fern Chemical, Inc.  
2226 Queen Anne Avenue North, Suite C  
Seattle, WA 98109, USA  
Phone 1-866-282-3384

**24 Hour Emergency Contact:** Infotrac 1-800-535-5053 (USA & Canada)  
Outside USA & Canada 1-352-323-3500

#### 2 – Hazards Identification

|                     |                  |                |                      |               |
|---------------------|------------------|----------------|----------------------|---------------|
| <b>HMIS Rating:</b> | <b>Health:</b> 2 | <b>Fire:</b> 1 | <b>Reactivity:</b> 0 | <b>PPE:</b> X |
|---------------------|------------------|----------------|----------------------|---------------|

**GHS Classification::** Acute Toxicity – Oral, Category 4 , Skin Corrosion/irritation, Category 3,  
Serious eye damage/eye irritation, Category 2A

**Signal Word:** “WARNING”

**Health Hazards:**

H320: Causes eye irritation



**Precautionary Statements:**

P264: Wash ... thoroughly after handling  
P280: Wear protective clothing/eye protection  
P302 + P352 – IF ON SKIN: Wash with plenty of soap and water  
P3037 + P313 – If eye irritation persist: Get medical advice/attention  
P314: Get medical advice/attention if you feel unwell

**European EU Hazard Labeling:**



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### 3 – Composition/Information on Ingredients

| <u>CAS Number</u> | <u>Material or component</u> | <u>Avg % weight</u> |
|-------------------|------------------------------|---------------------|
| 577-11-7          | Docusate Sodium              | 50-100              |
| 57-55-6           | Propane-1,2-diol             | 2.5-10              |

This is not intended to be a complete compositional disclosure. Information provided pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200/ HazCom 2012). See Section 8 for Exposure Limits, if any.

### 4 - First Aid Measures

|                    |  |
|--------------------|--|
| <b>Eyes:</b>       | P305+351+338: IF IN EYES: Rinse cautiously with water for several (15) minutes. Remove contact lenses if present and easy to do – continue rinsing.  |
| <b>Skin:</b>       | P303+361+353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.<br>P333+313: If skin irritation or a rash occurs: Get medical advice/attention. |
| <b>Inhalation:</b> | P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.<br>P342+311: If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.  |
| <b>Ingestion:</b>  | P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.<br>P311: Call a POISON CENTER or doctor/physician.  |

### 5 - Firefighting Measures

|   |  |
|---|--|
| <b>Extinguishing Media:</b>                           | Water Spray, Foam, Dry Chemical, Carbon Dioxide            |
| <b>Unsuitable Extinguishing Media:</b>                | None   |
| <b>Special Protective Equipment for Firefighters:</b> | Wear Self Contained Breathing Apparatus when fighting fire |
| <b>Unusual Fire &amp; Explosion Hazards:</b>          | None Known   |

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#### **6 - Accidental Release Measures**

**Personal precautions:**

P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking.

P262: Do not get in eyes, on skin, or on clothing

P264: Wash thoroughly after handling

P280: Wear protective gloves/protective clothing/eye protection/face protection

**Environmental precautions:**

P273: Avoid release to the environment

Limit leakage with earth or sand. Do not discharge into the drains/surface water/groundwater. Dispose of absorbed material in accordance with local, state and federal regulations.

**Methods for Containment/Cleaning Up:**

Use neutralizing agent. Take up with absorbent material (e.g. vermiculite, general purpose binder). Dispose of absorbed material in accordance with local, state, and federal regulations.

#### **7 - Handling and Storage**

**Handling:**

P262: Do not get in eyes, on skin, or on clothing

P264: Wash thoroughly after handling

P280: Wear protective gloves/protective clothing/eye protection/face protection

**Storage:**

P402+404: Store in a dry place. Store in a closed container

**Special Packaging Requirements:**

P406: Store in a corrosive resistant container with a resistant inner liner.

**Incompatible Materials or  
Fire/Explosion Protection:**

None Known

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#### **8 - Exposure Controls/Personal Protection**

##### **Personal Protective Equipment (PPE):**

|                                |  |
|--------------------------------|--|
| <b>Hand Protection:</b>        | Chemical Resistant Gloves  |
| <b>Eye Protection:</b>         | Chemical Goggles or Glasses with Side shields  |
| <b>Skin Protection:</b>        | Protective Clothing  |
| <b>Respiratory Protection:</b> | The use of a NIOSH approved respirator protection maybe needed if working in a poor ventilated area. |

##### **Engineering Measures/Controls:**

**Ventilation:** Ensure adequate ventilation, especially in confined area

**Other measures:** Eye wash and safety shower in work area

#### **9 - Physical and Chemical Properties**

|   |                   |  |                   |
|---|-------------------|--|-------------------|
| <b>Form and Appearance:</b>                 | Liquid            | <b>Odor:</b>                               | Characteristic    |
| <b>pH:</b>                                  | 6.0-7.0           | <b>Odor Threshold:</b>                     | N/A               |
| <b>Boiling Point:</b>                       | >210°F            | <b>Melting/Freezing point:</b>             | N/A               |
| <b>Vapor Pressure:</b>                      | N/A               | <b>Vapor Density (Air=1):</b>              | 23 hPa (17 mm Hg) |
| <b>Flash Point:</b>                         | >93°C             | <b>Evaporation Rate:</b>                   | N/A               |
| <b>UEL:</b>                                 | N/A               | <b>LEL:</b>                                | N/A               |
| <b>Viscosity:</b>                           | N/A               | <b>Solubility in Water:</b>                | Fully Miscible    |
| <b>Octanol/Water Partition Coefficient:</b> | N/A               | <b>Specific Gravity/<br/>Bulk Density:</b> | 1.12 g/ml @25°C   |
| <b>Auto-ignition temperature:</b>           | Not self-igniting | <b>Decomposition Temperature:</b>          | N/A               |

#### **10 - Stability and Reactivity**

|                                  |                |
|----------------------------------|----------------|
| <b>Chemical Stability:</b>       | Stable         |
| <b>Hazardous Polymerization:</b> | Will Not Occur |

**Incompatible Materials:** Avoid contact with strong oxidizing agents  
Strong Acids and Bases at high temperature.

**Hazardous Decomposition Products:** Thermal decomposition may produce oxides of carbon and sulfur.

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#### 11 - Toxicological Information

##### Acute Data:

|                            |  |
|----------------------------|--|
| <b>Routes of Exposure:</b> | Eye contact, skin contact, ingestion, inhalation (mist, vapors). |
| <b>Eye Contact:</b>        | Not Determined   |
| <b>Skin Contact:</b>       | Not Determined   |
| <b>Ingestion:</b>          | Not Determined   |
| <b>Inhalation:</b>         | Not Determined   |
| <b>Skin Sensitization:</b> | Not Determined   |

##### Acute Toxicity/Effects:

| Test:               | Test type: | Species: | Results:   | Comments: |
|---------------------|------------|----------|------------|-----------|
| Oral Toxicity       | LD50       | Rat      | 1900 mg/kg |           |
| Dermal Toxicity     | LD50       | N/D      | N/D        | -         |
| Inhalation Toxicity | N/D        | N/D      | N/D        | -         |
| Eye Irritation      |            | Rabbit   | irritant   | -         |

##### Chronic Data:

|                              |             |    |            |    |              |    |             |    |
|------------------------------|-------------|----|------------|----|--------------|----|-------------|----|
| <b>Carcinogenicity:</b>      | <b>IARC</b> | No | <b>NTP</b> | No | <b>ACGIH</b> | No | <b>OSHA</b> | No |
| <b>Mutagenicity:</b>         | NDA         |    |            |    |              |    |             |    |
| <b>Reproductive Effects:</b> | NDA         |    |            |    |              |    |             |    |
| <b>Target Organ Effects:</b> | NDA         |    |            |    |              |    |             |    |

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#### 12 - Ecological Information

##### Ecotoxicity/Effects:

| Test:                                   | Test type: | Species: | Results: | Comments: |
|---|------------|----------|----------|-----------|
| Acute Toxicity to Fish                  | LC50       | N/D      | N/D      |           |
| Acute Toxicity to Aquatic Invertebrates | EC50       | N/D      | N/D      | -         |
| Acute Toxicity to Aquatic Plants        | N/D        | N/D      | N/D      | -         |
| Chronic Toxicity to Fish:               | N/D        | N/D      | N/D      | -         |

##### Environmental Fate:

Persistence/Degradability:

N/D

COD/BOD5:

NDA

Bioaccumulation Potential:

Not expected to bioaccumulate in the environment

Mobility in Soil:

N/D

Other Adverse Effects:

N/D

#### 13 - Disposal Considerations

##### Product:

Dispose of absorbed material/content and/or container in accordance with local, state, federal and/or international regulations.

##### Packaging:

Do not remove labels until the product has been fully removed and the package cleaned.

The preferred options for disposal include reuse, recycle or reclamation at licensed facilities.

All procedures must follow specific operation standards in order to reduce health, safety and environmental risks.

The disposal must comply with all local legislation and in accordance with standards from local environmental agencies.

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#### 14 - Transport Regulations

##### US DOT Regulations (Land Transport):

|                       |               |
|-----------------------|---------------|
| Proper Shipping Name: | Not-regulated |
| Hazard Class:         | Not regulated |
| UN Number:            | N/A           |
| Packing Group:        | Not regulated |
| Label Required:       | Not regulated |
| Other Information:    | Not regulated |

##### IATA/ICAO Regulations (Air Transport):

|                       |                |
|-----------------------|----------------|
| Proper Shipping Name: | Not regulated. |
| Hazard Class:         | Not regulated  |
| UN Number:            | N/A            |
| Packing Group:        | Not regulated  |
| Label Required:       | Not regulated  |
| Other Information:    | -              |

##### IMDG/IMO Regulations (Maritime Transport):

|                         |               |
|-------------------------|---------------|
| Proper Shipping Name:   | Not regulated |
| Hazard Class:           | Not regulated |
| UN Number:              | N/A           |
| Packing Group:          | Not regulated |
| Label Required:         | Not regulated |
| EMS Number:             | N/A           |
| Segregation Groups:     | N/A           |
| Marine Pollutant (Y/N): | N             |
| Other Information:      | -             |

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#### 15 - Regulatory Information

Contents of this MSDS comply with the OSHA standard 29 CFR 1910.1200/HazCom 2012.

##### Domestic Regulations:

|   |  |
|---|--|
| <b>TSCA Status:</b>                                     | All the components in this material are listed on or exempt from the TSCA inventory.   |
| <b>SARA Title 302 (Extremely Hazardous Substances):</b> | TPQ – None.  |
| <b>SARA Title 304 (Extremely Hazardous Substances):</b> | RQ – None.   |
| <b>CERCLA Hazardous Substances (RQ):</b>                | None   |
| <b>SARA 311/312 Hazard Categorization:</b>              | Acute <input checked="" type="checkbox"/> Chronic <input type="checkbox"/> Fire <input type="checkbox"/> Pressure <input type="checkbox"/> Reactive <input type="checkbox"/> |
| <b>Clean Air Act Section 112 (TQ):</b>                  | TQ – Not listed.   |

#### 16 - Additional Information

##### Key to Abbreviations:

NDA - No data available    N/D - Not determined    N/A - Not applicable    N/E - Not established

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