

SILVER FERN CHEMICAL, INC.

Safety Data Sheet

Ferndoss 75-PG

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

HMIS Rating:	Health: 2	Fire: 1	Reactivity: 0	PPE: X
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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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06/10/2014

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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

Eyes:	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.
Skin:	P303+361+353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. P333+313: If skin irritation or a rash occurs: Get medical advice/attention.
Inhalation:	P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P342+311: If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
Ingestion:	P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P311: Call a POISON CENTER or doctor/physician.

5 - Firefighting Measures

Extinguishing Media:	Water Spray, Foam, Dry Chemical, Carbon Dioxide
Unsuitable Extinguishing Media:	None
Special Protective Equipment for Firefighters:	Wear Self Contained Breathing Apparatus when fighting fire
Unusual Fire & Explosion Hazards:	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):

Hand Protection: Chemical Resistant Gloves
Eye Protection: Chemical Goggles or Glasses with Side shields
Skin Protection: Protective Clothing
Respiratory Protection: 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

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

10 - Stability and Reactivity

Chemical Stability: Stable
Hazardous Polymerization: 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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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:

TSCA Status:	All the components in this material are listed on or exempt from the TSCA inventory.
SARA Title 302 (Extremely Hazardous Substances):	TPQ – None.
SARA Title 304 (Extremely Hazardous Substances):	RQ – None.
CERCLA Hazardous Substances (RQ):	None
SARA 311/312 Hazard Categorization:	Acute <input type="checkbox"/> Y Chronic <input type="checkbox"/> N Fire <input type="checkbox"/> N Pressure <input type="checkbox"/> N Reactive <input type="checkbox"/> N
Clean Air Act Section 112 (TQ):	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

DISCLAIMER OF RESPONSIBILITY

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