



**SILVER FERN CHEMICAL INC.  
SAFETY DATA SHEET  
SOY LECITHIN - FOOD GRADE**

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**SECTION 1 – IDENTIFICATION**

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**PRODUCT NAME:** Soy Lecithin - Food Grade / Liquid Soybean Lecithin

**SYNONYMS/OTHER MEANS OF IDENTIFICATION:** Lecithin, Soybean Lecithin Liquid, Soy Lecithin, Soybean Lecithin in Soy Oil, Lectithol: Phosphatidylcholine

**DISTRIBUTOR NAME:** Silver Fern Chemical, Inc.

**ADDRESS:** 2226 Queen Anne Ave N  
Seattle, WA 98109

**TELEPHONE NUMBER:** 206-282-3376; 866-282-3384

**EMERGENCY CONTACT:** INFOTRAC  
1-800-535-5053 (USA & Canada)  
Outside USA & Canada 1-352-323-3500

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**SECTION 2 – HAZARD(S) IDENTIFICATION**

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**CLASSIFICATION:** This product is expected to be a low hazard for typical industrial handling

**SIGNAL WORD:** Not Applicable – Exempt under the requirements of the Federal Food Drug, and Cosmetic Act (FFDCA)

**HAZARD STATEMENTS:** Class 2B Eye Irritant

**PRECAUTIONARY STATEMENTS:** H320 – Causes Eye Irritation

**EMERGENCY OVERVIEW:** This product is not expected to be hazardous in typical industrial use and transportation.




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**SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS**

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<b>COMPONENT</b>	<b>CAS Number</b>	<b>CONCENTRATION</b>
Soy Lecithin	8002-43-5	60-70%
Soybean Oil	8001-22-7	30-40%



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#### SECTION 4 – FIRST AID MEASURES

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<b>INHALATION:</b>	Inhalation is unlikely unless product is heated or aerosolized during processing. Remove person from exposure. Seek medical attention for any breathing difficulty
<b>EYE CONTACT:</b>	Flush eyes with water for a minimum of 15 minutes. Seek medical attention if irritation persists
<b>SKIN CONTACT:</b>	Wash affected area with soap and water
<b>INGESTION:</b>	No hazard anticipated from ingestion incidental to industrial exposure

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#### SECTION 5 – FIREFIGHTING MEASURES

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**FLASH POINT (METHOD):** > 500 °F (260 °C)

**FLAMMABLE LIMITS:**        **LEL:** Unknown        **UEL:** Unknown

**AUTOIGNITION TEMPERATURE:**        Unknown

**HAZARDOUS COMBUSTION PRODUCTS:** Oxides of Carbon

**SPECIAL FIREFIGHTING PROCEDURES:** Extinguish with water fog, dry chemical powders or foam.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Use water spray to cool drums exposed to fire. Oil-soaked rags can cause spontaneous combustion if not handled properly. Before disposal, wash rags with soap and water and dry well in a well-ventilated area

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#### SECTION 6 – ACCIDENTAL RELEASE MEASURES

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Remove sources of ignition, contain spill to smallest area possible. Stop leak if possible. Clean up small spills with absorbent materials, such as paper towels, oil-dry, sand, or dirt. Recover large spills for salvage or disposal. Wash hard surfaces with a detergent solution to remove remaining oil film.

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#### SECTION 7 – HANDLING AND STORAGE

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Store in closed containers at room temperature, i.e. between 60 °F and 77 °F (15-25 °C)  
Keep away from oxidizing agents, sunlight, excessive heat or ignition sources.  
Store and use in a well ventilated area.




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**SECTION 8 – EXPOSURE CONTROLS AND PERSONNEL PROTECTION**


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Component	Type	Value	Form
U.S. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)			
Soybean oil (8001-22-7)	PEL	15 mg/m <sup>3</sup> 5mg/m <sup>3</sup>	Total Respirable Fraction
Canada, British Columbia OELs (Occupational Exposure Limits for Chemical substances, Occupational Health and Safety Regulation 296/97, as amended)			
Soybean oil (8001-22-7)	TWA	3 mg/m <sup>3</sup> 10 mg/m <sup>3</sup>	Respirable mist Mist
Canada, Ontario OELs (Ministry of Labor – Control of Exposure to Biological or Chemical Agents)			
Soybean oil (8001-22-7)	TWA	10 mg/m <sup>3</sup>	Mist
Canada, Quebec OELs (Ministry of Labor – Regulation Respecting the Quality of the Work Environment)			
Soybean oil (8001-22-7)	TWA	10 mg/m <sup>3</sup>	Mist
Mexico, (Occupational Exposure Limit Values)			
Soybean oil (8001-22-7)	TWA	10 mg/m <sup>3</sup>	Mist

**VENTILATION:**

**Local Exhaust:** As needed if mists or vapors are generated

**General Exhaust:** As needed in enclosed or confined spaces

**EYE PROTECTION:** Safety glasses /goggles recommended

**HAND & SKIN PROTECTION:** Wear chemical-resistant gloves, footwear and protective clothing appropriate for the risk of exposure.

**RESPIRATORY PROTECTION:** Wear a NIOSH-approved respirator rated for oil whenever mists or vapors are generated at concentrations in the work area are above occupational exposure limits (OELs).

**WORK PRACTICES:** Good personal hygiene practices should be followed.  
Wash hands and face before eating, drinking, etc.

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**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**


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**APPEARANCE:** Light Amber Liquid

**ODOR:** No distinctive odor

**VAPOR PRESSURE:** <2 mm Hg

**VAPOR DENSITY (Air = 1) :** >1

**SOLUBILITY:** Insoluble in water

**PARTITION COEFFICIENT (n-Octanol/Water):** N/A

**MELTING POINT:** N/A

**BOILING POINT:** N/A

**FLASH POINT:** >500 °F (260 °C)

**AUTO-IGNITION TEMPERATURE:** N/A




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## SECTION 10 – STABILITY AND REACTIVITY

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**STABILITY:** Stable

**REACTIVITY:** Not Reactive

**CONDITIONS TO AVOID:** Avoid strong oxidizing agents  
Avoid exposure to potential ignition sources and excessive heat

**INCOMPATIBLE MATERIALS:** Strong oxidizing agents  
Excessive Heat

**HAZARDOUS DECOMPOSITION OR BY PRODUCTS:** Combustion produces CO<sub>2</sub>, CO, and thick smoke

**HAZARDOUS POLYMERIZATION:** Will Not Occur

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## SECTION 11 – TOXICOLOGICAL INFORMATION

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**ROUTES OF EXPOSURE:** Inhalation, Skin, Eyes

**CARCINOGENICITY:** NTP: No    ARC: No    OSHA: No

**SIGNS AND SYMPTOMS OF EXPOSURE:** Irritation to skin, eyes, nose, or throat, Coughing

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** No Data Available

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## SECTION 12 – ECOLOGICAL INFORMATION

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**ECOTOXICITY:** Not expected to be harmful to aquatic organisms

**PERSISTENCE/DEGRADABILITY:** No data available for finished product

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## SECTION 13 – DISPOSAL CONSIDERATIONS

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Waste may be disposed of by a licensed waste disposal company. Contaminated absorbent material may be disposed of in an approved landfill. Follow local, state, and federal disposal regulations. As supplied, this product does not meet the definition of RCRA waste under 40 CFR 261

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## SECTION 14 – TRANSPORTATION INFORMATION

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Not regulated as dangerous goods under DOT, IATA, IMDG, or TDG



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**SECTION 15 – REGULATORY INFORMATION (NON-MANDATORY)**

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Section (B)(5)(III) of 29 CFR 1910.1200 exempts food, including ingredients and therefore any associated ingredient dust, from the labeling requirements of the Hazard Communication Standard. Food and ingredients are subject to the labeling requirements of the Federal Food Drug and Cosmetic Act (FFDCA).

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**SECTION 16 – OTHER INFORMATION**

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The information in this SDS was obtained from sources that we believe are reliable. However, the information is provided without any representation or warranty, expressed or implied, regarding the accuracy or correctness. The conditions or methods of handling, storage, use, and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected to the handling, storage, use, or disposal of this product.