

Offer Packet

Product	Lecithin, a natural emulsifier and a type of phospholipid.
COA & SDS	Included below

If interested, please call or email:

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Certificate of Analysis
Liquid Soy Lecithin

Property	Method	Specification	Result
Acetone Insoluble Matter	AOCS Ja 4-46	Min 62%	65.8
Acid Value	AOCS Ja 6-55	Max 30.00 mg KOH/g	20.14
Appearance	Visual	Amber Liquid	Pass
Color (Gardner, as is)	AOCS Ja 9-87	Max 17	12+
Hexane Insoluble Matter	AOCS Ja 3-87	Max 0.05%	<0.01
Kinematic Viscosity	AOCS Ja 11-87	Max 100 St	88
Temperature	AOCS Ja 11-87	Expected 25°C	23.5
Heavy Metals	AOCS Ca 17-01	Max 10 ppm	<10
Moisture	AOCS Ja 2b-87	Max 1.00%	0.41
Peroxide Value	AOCS Ja 8-87	Max 10 meq/kg	6.9
Microbiological Data*	See below	Pass	Pass
Enterobacteriaceae*	CMMEF	Max 10 cfu/g	<10
E.Coli*	AOAC 991.14	Max 10 cfu/g	<10
Salmonella (in duplicate)*	FDA BAM	Not Detected/375 g	Not Detected
Total Plate Count*	AOAC 966.23	Max 1000 cfu/g	20
Yeast & Mold*	FDA BAM	Max 100 cfu/g	<10

*Testing performed by external lab

SECTION 1 – IDENTIFICATION

PRODUCT NAME: Liquid Soybean Lecithin

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

MANUFACTURER NAME: Solvent Systems International
ADDRESS: 70 King St.
Elk Grove Village, IL 60007

SECTION 2 – HAZARD(S) IDENTIFICATION

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.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

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

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SECTION 4 – FIRST AID MEASURES

INHALATION: Inhalation is unlikely unless product is heated or aerosolized during processing. Remove person from exposure. Seek medical attention for any breathing difficulty

EYE CONTACT: Flush eyes with water for a minimum of 15 minutes. Seek medical attention if irritation persists

SKIN CONTACT: Wash affected area with soap and water

INGESTION: No hazard anticipated from ingestion incidental to industrial exposure

SECTION 5 – FIREFIGHTING MEASURES

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

SECTION 6 – ACCIDENTAL RELEASE MEASURES

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.

SECTION 7 – HANDLING AND STORAGE

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

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 ³ 5mg/m ³	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 ³ 10 mg/m ³	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 ³	Mist
Canada, Quebec OELs (Ministry of Labor – Regulation Respecting the Quality of the Work Environment)			
Soybean oil (8001-22-7)	TWA	10 mg/m ³	Mist
Mexico, (Occupational Exposure Limit Values)			
Soybean oil (8001-22-7)	TWA	10 mg/m ³	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.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

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

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 CO₂, CO, and thick smoke

HAZARDOUS POLYMERIZATION: Will Not Occur

SECTION 11 – TOXICOLOGICAL INFORMATION

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

SECTION 12 – ECOLOGICAL INFORMATION

ECOTOXICITY: Not expected to be harmful to aquatic organisms

PERSISTENCE/DEGRADABILITY: No data available for finished product

SECTION 13 – DISPOSAL CONSIDERATIONS

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

SECTION 14 – TRANSPORTATION INFORMATION

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

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SECTION 15 – REGULATORY INFORMATION (NON-MANDATORY)

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).

SECTION 16 – OTHER INFORMATION

This safety data sheet covers soy lecithin as produced and supplied by Solvent Systems International and does not include chemicals, medications, vitamins, or mineral supplements that may be applied by subsequent handlers and/or distributors of this product. 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.