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Material Safety Data Sheet
SOYA LECITHIN

Section 1-Product Identification & Company Information

Product Name : Soya Lecithin
Synonyms : Phospholutein, Vitellin, Yelkin TTs, Alcolec S, AF 1, Acti-Flow, Azolectin, Kelecin, Granulestin; Soybean Lecithin; Soy Lecithin; Soya Lecithin; L-a- Phosphatidylcholine; Phosphatidylcholine
CAS No : 8002-43-5

Company Name & Address : The BTTCO Overseas
6, Ashirvad Complex, Nr. Sardar Patel Seva Samaj Hall,
Navrangpura, Ahmedabad 380009, India

Telephone Number : +91-94265 96891
Contact Person : Mr. Dinaish Lunkad

Section 2- Composition/Information on Ingredients

Component	CAS No	Weight %
Lecithin	8002-43-5	100

Section 3- Hazards Identification

Acute Health Effects : Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.

Chronic (long-term exposure) Health Effects:

Carcinogenic Effects : Not Available.

Mutagenic Effects : Not Available.

Teratogenic Effects : Not Available.

Developmental Toxicity : Not Available. Repeated Or Prolonged Exposure Is Not Known to Aggravate Medical Condition.

Section 4- First Aid Measures

Eye contact : Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. WARM water MUST be used. Get medical attention if irritation occurs.

Skin contact : Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops. Serious Skin Contact: Not available.

Inhalation : If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. Serious Inhalation: Not available.

Ingestion : Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband. Serious Ingestion: Not available.

Section 5- Fire Fighting Measures

Flammability : May be combustible at high temperature.
Auto-Ignition Temperature: Not available.
Flash Points : Not available.
Flammable Limits : Not available.
Products of Combustion : Not available.
Fire Hazards in Presence of Various Substances : Slightly flammable to flammable in presence of heat.
Explosion Hazards in Presence of Various Substances : Risks of explosion of the product in presence of mechanical impact: Not available. Slightly explosive in presence of open flames and sparks.
Fire Fighting Media and Instructions:
SMALL FIRE : Use DRY chemical powder.
LARGE FIRE : Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards : As with most organic solids, fire is possible at elevated Temperatures

Special Remarks on Explosion Hazards : Fine dust dispersed in air in sufficient concentrations, and in the presences of an ignition source is a potential dust explosion hazard.

Section 6- Accidental Release Measures

Small Spill : Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill : Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

Section 7- Handling and Storage

Handling/Precautions : Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust. Keep away from incompatibles such as oxidizing agents.

Storage : Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above 25°C (77°F). Preferably Refrigerate (2 - 6 deg. C).

8. Exposure Controls/Personal Protection

Engineering Controls : Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection : Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill : Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self - contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits : Not available.

Section 9- Physical and Chemical Properties

Physical state and appearance : Solid. (Granular solid.)
Odor : Neutral
Taste : Not available.
Molecular Weight : Not available.
Color : Golden to light tan. The color is nearly white when freshly made, but rapidly becomes yellowish to brownish in iar.
pH (1% soln/water) : 6.8 [Neutral.]
Boiling Point : Not available.
Melting Point : Not available.
Critical Temperature : Not available.
Specific Gravity : Density: 1.0305 @ 24 deg. C (Water = 1)
Vapor Pressure : Not applicable.
Vapor Density : Not available.
Volatility : 1% (v/v).
Odor Threshold : Not available.
Water/Oil Dist. Coeff. : Not available.
Ionicity (in Water) : Not available.
Dispersion Properties : Dispersed in cold water. See solubility in diethyl ether.
Solubility : Soluble in diethyl ether. Insoluble in cold water, acetone. Soluble in about 12 parts of absolute alcohol. Soluble in chloroform, petroleum ether, mineral oil, fatty acids. Sparingly soluble in benzene. Insoluble in cold vegetable and animal oils.

Section 10- Stability and Reactivity

Stability : The product is stable.
Instability Temperature : Not available.
Conditions of Instability : Excess heat, dust generation
Incompatibility with various Substances : Reactive with oxidizing agents.
Corrosivity : Non-corrosive in presence of glass.
Special Remarks on Reactivity : Not available.
Special Remarks on Corrosivity : Not available.
Polymerization : Will not occur.

Section 11- Toxicological Information

Routes of Entry : Inhalation. Ingestion.
Toxicity to Animals : LD50: Not available.
LC50: Not available.
Chronic Effects on Humans : Not available.
Other Toxic Effects on Humans : Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.
Special Remarks on Toxicity to Animals : Not available.
Special Remarks on Chronic Effects on Humans : Not available.

Special Remarks on other Toxic Effects on Humans:
Potential Health Effects : No acute exposure studies were found for soya lecithin in humans. The dust is predicted to be irritating to the eyes, skin, and respiratory tract from mechanical action. Inhalation of lecithin aerosols may cause pulmonary edema. It may cause occupational asthma from pulmonary sensitization. Acute ingestion may affect the liver (fatty liver degeneration).

Section 12- Ecological Information

Ecotoxicity : Not available.
BOD5 and COD : Not available.
Products of Biodegradation : Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation : Not available.
Special Remarks on the Products of Biodegradation : Not available.

Section 13- Disposal Considerations

Waste Disposal : Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14- Transport Information

DOT/IATA/IMDG/IMO

Proper Shipping Name : Not Regulated
UN No. : Not Regulated
CAS No. : 8002-43-5
Hazard Class : Not Classified as Dangerous Goods
Packing Group : Not Applicable
IMDG Packing Group : Not Applicable
Marine Pollutant : No
EMS No. : Not Applicable
ERG No. : Not Applicable
Subsidiary Risk : None
Label Required : None
Hazchem Code : Not Applicable
Tunnel Restriction Code : Not Applicable
Transport Category : Not Applicable
ICAO/IATA : Not Regulated
IMDG : Not Regulated
ADR/RID : Not Regulated

Additional Transport Information

- Soya Lecithin is not classified as a hazardous substance for transportation purposes.
- Transport in tightly closed containers to prevent contamination and moisture absorption.
- No special transport precautions are required under ADR, RID, IMDG, ICAO/IATA, or DOT regulations.

Marine Pollutant : No
Environmental Hazard : No
Special Precautions for User : None Required.

Section 15- Regulatory Information

Federal and State Regulations (USA)

TSCA 8(b) Inventory : Listed (Lecithin, CAS No. 8002-43-5)
SARA Title III : Not listed as an Extremely Hazardous Substance.
CERCLA : Not listed as a hazardous substance.

European Regulations

EINECS No. : 232-307-2
This product is listed on the European Inventory of Existing Commercial Chemical Substances (EINECS).

REACH : Complies with applicable requirements.
Classification according to EC Regulations : Not Classified as Hazardous.

Canadian Regulations

WHMIS Classification : Not Controlled under WHMIS.

GHS Classification : Not classified as a hazardous substance or mixture according to GHS criteria.

Other Classifications

HMIS (U.S.A.)

Category	Rating
Health Hazard	1
Flammability	1
Physical Hazard	0
Personal Protection	E

NFPA Rating (U.S.A.)

Category	Rating
Health	1
Flammability	1
Reactivity	0
Special Hazard	None

Section 16- Other Information

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