



SHREENIDHI

OILS & FOODS INGREDIENTS PVT. LTD.

NON GMO SOYA LECITHIN CERTIFICATE OF ANALYSIS

PRODUCT NAME : Non GMO Soya Lecithin
SYNONYMS : Phosphatidylcholine
ORIGIN : Non GMO Soya Bean
CAS NUMBER : 8002-43-5
IUPAC NAME : (2R)-2,3-di(tetradecanoyloxy)propyl
2-(trimethylazaniumyl)ethyl phosphate
MOLECULAR FORMULA : $C_{36}H_{72}NO_8P$
MOLECULAR WEIGHT : 677.932541 [g/mol]
BATCH NUMBER : SNO/2022-23/075
MONTH OF MANUFACTURE : 09.2022
MONTH OF EXPIRY : 08.2024
TRAIFF NUMBER : 292320

PHYSICAL ANALYSIS

TESTS	RESULTS	PROTOCOL
Color Gardner (5% Toluene Solution)	11 Plus 12 Minus	AOCS Ja 9-87 (17)
Acetone Insoluble Matter	63.26 %	AOCS Ja 4-46 (17)
Acid Value mg KOH/gm	29.07	AOCS Ja 6-55 (17)
Moisture	0.44 %	AOCS Ja 2b-87 (17)
Viscosity (At 25 Deg Cen.)	84.20 Poise	AOCS Ja 10-87 (17)
Hexane Insoluble	0.16 %	AOCS Ja 3-87 (17)
Peroxide Value	0.10 meqO ₂ /kg	AOCS Ja 8-87 (17)
Flavour or Odour	Characteristic	SOP/GLTP/04/0514
Appearance	Opaque Thin Layer Viscus Liquid	SOP/GLTP/04/0514

MICROBIOLOGICAL ANALYSIS

Coli forms count	<10 cfu/g	ISO:4832:2006
Salmonella	Absent/25gm	ISO 6579-1 : 2017
Total plate count	100 cfu/gm	ISO:4833 (PART 1) : 2013
Yeast & mould counts	<10 cfu/g	IS:5403 : 1999
E. Coli	Absent/gm	ISO 7251 : 2005

For Soya Lecithin Oils & Foods
Ingredients Pvt. Ltd.



CIN : U51225MP2011PTC026991

20, South Hatipala, Ameer Complex, Indore - 452007 M.P., INDIA

Tel: +91 731 247 5678 Fax: +91 731 422 5679 Email: info@soyalecithinindia.com Web : www.soyalecithinindia.com



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NON GMO SOYA LECITHIN MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Trade name : Non GMO Soya Lecithin
Chemical name : Soy Phospholipids (Phosphatides)
Chemical family : Phospholipids (lecithin)
Cas No : 8002-43-5
Batch Number : SNO/2022-23/075
Month Of Manufacture : 09.2022
Month Of Expiry : 08.2024

Supplier name and address:

Shreenidhi Oils & Foods Ingredients Pvt. Ltd.
20, South Hathipala,
Ameer Complex,
Indore - 452007, (M.P), India.
Tel: +91 731 247 56 78 Fax: +91 731 422 56 79
e-mail : info@soyalecithinindia.com

2. Composition and Information on Ingredients

Soy Lecithin : CAS No. : 8002-43-5
% By weight : 100 %

3. Hazardous Ingredients/Identity Information

This Product is Non Hazardous.

Hazardous Components

Pigments - N/A

Catalyst - N/A

Vehicle - N/A

Solvents - None

Additives - None

Base Metal - N/A

Alloys - N/A

Metallic Coatings - N/A

Filler Metal Plus Coating or Core Flux - N/A

4. First Aid Measure

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.

Inhalation : If inhaled, remove to fresh air.

Serious Inhalation : Not available.

Ingestion : Do NOT induce vomiting unless directed to do so by medical personnel.

Serious Ingestion : Not available.

5. Fire and Explosion Hazard Data

Flash point : N/A
Flammable limits : N/A
Extinguishing media : Dry chemical, Foam, Carbon dioxide, Sand
Special fire fighting procedures : None

6. Accidental Release Measure

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.



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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.

7. Precautions for Safe Handling and Storage

Steps to be taken in case material is released or spilled.

Waste disposal method

: Material is bio-degradable, may be disposed of in approved sanitary landfill or as approved for other food materials.

Precautions to be taken in handling and storing

: No Specific precautions

Other precautions

: If overheated, remove source of heat.

Storage

: Keep container tightly closed. Keep

container

in a cool, well- ventilated area

8. Exposure Control Measures / Personal Protection

Respiratory protection (specify type)

: N/A

Local Exhaust

: Not required

Mechanical (general)

: None

Protective Gloves

: Not required

Eye protection

: Not required

Other protective clothing or equipment

: Not required

9. Physical/Chemical Characteristics

APPEARANCE

: Semi Liquid

COLOUR

: 11-12 Max on Gardner scale

MOISTURE

: Max. 0.47 %

ACID VALUE

: Max. 29.68 KOH/g

PEROXIDE VALUE

: Max. 2.90 m.eq

HEXANE INSOLUBLE

: Max. 0.16 % C

ACETONE INSOLUBLES

: Min. 62.13 %

pH VALUE

: 7 By pH Meter

VISCOSITY

: Max.100.20 Poise

10. Stability and Reactivity Data

Stability

: Stable

Conditions to avoid

: Direct Heating

Hazardous decomposition or byproducts

: None

Hazardous polymerization

: Will not occur

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).

12. Ecological Information

Ecotoxicity: Not available.

BOD and COD: Not available.

Products of Biodegradation: Hazardous short term degradation products are not likely.

Toxicity of the Products of Biodegradation: Not available.

Special Remarks on the Products of Biodegradation: Not available.



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13: Disposal Considerations

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

14. Transport Information

DOT Classification : Not a DOT controlled material.
Identification : Not applicable.
Special Provisions for Transport : Not applicable.

15. Other Regulatory Information

According to the EC- Directions 96/97 EC, Lecithin (No. E 322) is as generally permitted Additive for the use in food and feeds. Lecithin is a GRAS additive approved in USA.
Federal and State Regulations: TSCA 8(b) inventory: Lecithin
Other Regulations: EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.
Other Classifications:
WHMIS (Canada): Not controlled under WHMIS (Canada).
DSCI (EEC):
This product is not classified according to the EU regulations.
Not applicable.
HMIS (U.S.A.):
Health Hazard: 1
Fire Hazard: 1
Reactivity: 0
Personal Protection: E
National Fire Protection Association (U.S.A.):
Health: 1
Flammability: 1
Reactivity: 0
Specific hazard:
Protective Equipment:
Gloves, Lab coat, Dust respirator (Be sure to use an approved/certified respirator or equivalent.), Safety glasses.

16. Other Information

We believe the above information to be correct but we do not present it as all inclusive and as such should be used as a guide. SHREENIDHI OILS & FOODS INGREDIENTS PVT. LTD. shall not be held responsible for any damage or injury resulting from contact with the above.

For Shreenidhi Oils & Foods
Ingredients Pvt. Ltd.



(Q.E. Manager)

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