

6085 – Lecithin

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 07/19/2016 Version: 1

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name : 6085 – Lecithin
CAS Number : 9000-65-1

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Food industry: component

1.3. Details of the supplier of the safety data sheet

LorAnn Oils, Inc.
4518 Aurelius Road
Lansing, MI 48910
Telephone: 1.800.862.8620

1.4. Emergency telephone number

Emergency number : CHEMTREC: Within USA and Canada: 1.800.424.9300 Outside USA and Canada: +1 703 527 3887

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Health Hazards (Acute & Chronic): None known

Potential Health Effects

Routes of Exposure: Symptoms:

Eye:	Yes	Mild eye irritation
Skin:	Yes	May cause irritation to upper respiratory tract (nose and throat).
Ingestion:	Yes	An allergic reaction may occur in some persons due to ingestion of or contact with ingredients of this product. ¹

¹The ingredient(s) contained in this product are listed on the US FDA "8 Major Food Allergen List (milk, egg, fish, crustacean shellfish, tree nuts, wheat, peanuts, soybeans)". This product should therefore be treated as a potential allergen. Contact with this product may result in an allergic reaction in some persons.

SECTION 3: Composition/information on ingredients :

Component(s)	CAS#	% by Weight	PEL (OSHA) (Permissible Exposure Limits) If Atomized	TLV (ACGIH) (Threshold Limit Value) If Atomized
Mixed Phospholipids	8002-43-5	NA	15 mg/m ³	10 mg/m ³

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Move to fresh air immediately.
First-aid measures after skin contact : Wash with soap and water for 15 minutes.
First-aid measures after eye contact : Flush with water for at least 15 to 20 minutes.

First-aid measures after ingestion : Wash mouth out with water. If breathing difficulty occurs, seek medical attention. Do not administer anything by mouth to an unconscious person.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Dry chemical, water, foam, or CO₂. Application of water to flaming oil can cause spattering. Oil will float on water.

5.2. Special firefighting procedures

Wear full protective clothing and NIOSH approved self-contained breathing apparatus.

SECTION 6: Accidental release measures

Accidental Materials Release or Spill : Absorb spilled material with inert substance and discard properly. Do not allow spillage into sewage system, surface water or ground water. Material will clog plumbing rapidly, especially in contact with cold water.

Waste Disposal Method : Material is biodegradable ; dispose of material in approved sanitary landfill in accordance with State and Federal regulations. Material will clog plumbing rapidly, especially in contact with cold water.

SECTION 7: Handling and storage

Store in closed container. Product should be stored on pallets without contact with walls, ceiling and/or floor. Storage temperature should be between 16-32C/60-90F. Storage below 16C/60F may help promote separation and require the need for agitation prior to use. Storage area should be well ventilated. Keep away from oxidizing agents, excessive heat, spark, or flame ; store out of sun. Do not puncture, drag, or slide containers. Never use pressure to empty drum.

SECTION 8: Exposure controls/personal protection

Respiratory protection : Use a NIOSH-approved respirator if vapors or mist or/are generated.
Eye/face protection : Wear chemical splash goggles when eye and face contact is possible due to splashing or spraying of material.
Ventilation : Good general ventilation should be provided for misty conditions exceeding limits.

Skin : Wear chemical gloves as appropriate.
Exposure Guidelines : Misty conditions exceeding 15 mg/m³ (OSHA/PEL), 10 mg/m³ (NIOSH/TLV)

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Color : Amber colored
Odor : Bland, bean or nutty odor
pH : N/A
Refractive index : N/A
Specific gravity : 1.02
Solubility : Dispersible

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Hazardous Decomposition Products

Carbon monoxide, carbon dioxide, oxides of nitrogen, oxides of phosphorous

10.2. Chemical stability

Stable under normal temperatures and pressures.

10.3. Incompatibility (Materials to avoid)

Strong oxidizing agents.

10.4. Conditions to avoid

Storage below 16C/60F may help promote separation and require agitation prior to use.

SECTION 11: Toxicological information

Testing has shown that this product is not a primary eye irritant.

Testing has shown that this product is not a primary skin irritant.

Testing has shown that this product is not toxic by the oral route administration.

SECTION 12: Ecological information

Neither the manufacturing process nor the final product contains ozone-depleting chemicals.

No elemental chlorine is used in the manufacturing of this product.

No toxic heavy metals are used during the manufacturing process. Does not exceed the toxic heavy metal levels specified in the CONEG (Council of Northeastern Governors) legislation.

Typical phosphorous content is approximately 20,000 ppm, which could be oxygen depleting in aquatic environments.

SECTION 13: Disposal considerations

Material is non-hazardous. Dispose of in accordance to Federal, State, and local regulations.

SECTION 14: Transport information

Shipping information – Not regulated as hazardous material by Department of Transportation.

Not dangerous goods in the meaning of ADR/RID, ADN, IMDG-Code, ICAO/IATA/DGR

SECTION 15: Regulatory information

All ingredients are mixtures of ingredients listed and are certified for the following CFR Title 40: Protection of Environment Laws and Regulations:

-CERCLA Sections 102A/103 Hazardous substances (40CFR Part 302.4): Below detection limits, not reportable.

-SARA Title III Section 302 Extremely Hazardous Substances (40 CFR Part 355): Substance not regulated

-SARA Title III Section 311/312 Hazardous Categorization (40 CFR Part 370): Substance not regulated

-SARA Title III Section 313 (40 CFR Part 372): Substance not regulated

-Toxic Substances Control Act (TSCA) inventory of chemical substances (40 CFR 710):

Listed under "Lecithins CAS: 8002-43-5" and "Hydroxylated Lecithins CAS: 8029-76-3"

This product is Generally Recognized As Safe (GRAS) by FDA as a multiple purpose food ingredient under 21 CFR 184.1400 and specifications of the Food Chemicals Codex. The FDA labeling is "Soy Lecithin".

Lecithins and Hydroxylated Lecithins are registered on the Domestic Substances List (DSL) in accordance with the Canadian Environmental Protection Act (CEPA) under "Lecithins CAS: 8002-43-5" and "Hydroxylated Lecithins CAS: 8029-76-3."

European Union - SOLEC™ 162-US conforms to Commission Regulation (EU) 231/2012 Lecithin (No. E 322). Preferred labeling for SOLEC™ 162-US is 'Emulsifier Soy Lecithin' or 'Emulsifier Soy E 322'. In certain cases specific legal regulations as to the addition and labeling must be regarded.

Hazard Rating

Health:	0	0=None
Flammability:	1	1=Minimal
Reactivity:	0	2=Moderate
		3=Severe
		4=Extreme

Work/Hygienic Practices: Use good personal hygiene practices as necessary for food products.

SECTION 16: Other information

Other information

: **DISCLAIMER OF LIABILITY** The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or 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 with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.