

SAFETY DATA SHEET

TASK™ Mix Phospholipids



Revision date: 4/19/2022
Version 1.0

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Trade Name: TASK™ Mix Phospholipids
Chemical Name: Lecithins
CAS No: 8002-43-5
Synonyms: De-oiled Soy Lecithin
Product Form: Substance/Mixture

Recommended use of the chemical and restrictions on use

Recommended Use: Food additive, emulsifier
Restrictions on Use: For industrial use only.
Other Information: This product is subject to the labeling requirements of the Federal Food, Drug & Cosmetic Act and is exempt from hazard labeling by 29 CFR 1901.1200(b)(5)(iii).

Details of the supplier and of the safety data sheet

Supplier: Tersus Environmental, LLC
1116 Colonial Club Rd
Wake Forest, NC 27587
Phone: +1-919-453-5577
Email: info@tersusenv.com

Emergency telephone number

For leak, fire, spill or accident emergencies, call:

+1-919-453-5577 (Tersus Office Hours, 8:00 AM to 5:00 PM Eastern)
+1-919-638-7892 (Tersus Outside office hours)
+1-800-424-9300 (Chemtrec 24 Hour Service – Emergency Only)
+1-703-527-3887 (Chemtrec Outside United States 24 Hour Service – Emergency Only)

2. HAZARD IDENTIFICATION

Product Hazard Category

Combustible dust

Label Content

Pictogram: Not Required
Signal Word: Warning
Hazard Warnings: May form combustible dust concentrations in air.

Hazardous Prevention

Measures: Not Required

Other Hazards

The ingredient(s) contained in this product are listed as a major food allergen in one or more jurisdictions. This product should therefore be treated as a potential food allergen. Contact with this product may result in an allergic reaction in some persons.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS Number	Concentration (wt. %)
Lecithins	8002-43-5	

Synonyms are provided in Section 1.

Occupational exposure limits, if available, are listed in Section 8.

4. FIRST AID MEASURES

General Information	No hazards which require special first aid measures. Call a physician if symptoms occur.
Eye Contact	Flush eyes with water as a precaution.
Skin Contact	Wash skin thoroughly with soap and water or use recognized skin cleanser.
Inhalation	No hazards which require special first aid measures. If inhaled, remove to fresh air.
Ingestion	Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person.
Personal Protective Equipment for First-Aid Responders	No special precautions are necessary for first aid responders.
Most important symptoms/effects, acute and delayed	No applicable data available.
Indication of any Immediate Medical Attention and Special Treatment Needed	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media	Foam, Dry powder, water spray jet, Carbon dioxide (CO ₂)
Unsuitable Extinguishing Media	None known.
Specific Hazards	Under severe dusting conditions, this material may form explosive mixtures in air.
Special Fire Fighting Procedures	Wear full protective clothing and self-contained breathing apparatus.
Further Information	Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6. ACCIDENTAL RELEASE MEASURES

NOTE: Review FIRE FIGHTING MEASURES & HANDLING (PERSONNEL) sections before proceeding with clean-up. Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

Personal Precautions	No special precautions required. Sweep up to prevent slipping hazard.
Environmental Precautions	Do not flush into surface water or sanitary sewer system. Prevent ground water contamination.
Methods for Containment and Clean Up	Sweep up and shovel into suitable containers for disposal. Avoid dust formation. Dispose of in accordance with local regulations.
Accidental Release Measures	No conditions to be specially mentioned.

Reference to other sections

For disposal, see Section 13.

7. HANDLING AND STORAGE

Precautions for Safe Handling (Personnel)	Minimize dust generation & accumulation. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Keep container closed when not in use. Avoid contact with eyes. Avoid breathing dust. Wash hands before breaks and at the end of workday.
Handling (Physical Aspects)	Avoid dust formation. Dust may form explosive mixture in air. Keep away from heat and sources of ignition.
Dust Explosion Class Storage	St1 Store at room temperature in original container. Keep container tightly closed in a dry and well-ventilated place.
Storage Temperature	<= 25° C (<=77°F)

8. EXPOSURE CONTROL / PERSONAL PROTECTION**Engineering Controls**

Good general ventilation should be provided to keep dust concentrations below exposure limits.

Personal Protective Equipment

Respiratory Protection: Effective dust mask

Eye Protection: Safety goggles

Exposure Guidelines**Exposure Limit Values**

Contains no substances with occupational exposure limit values.

Dust (inhalable and respirable fraction)Permissible exposure limit: (OSHA) 5 mg/m³ 8 hr. TWA Respirable fractionPermissible exposure limit: (OSHA) 15 mg/m³ 8 hr. TWA Total dust.TLV (ACGIH) 3 mg/m³ TWA Respirable particles.TLV (ACGIH) 10 mg/m³ TWA Inhalable particles.**9. PHYSICAL AND CHEMICAL PROPERTIES****Information on Basic Physical and Chemical Properties****Appearance**

Physical State: Solid

Form: Powder

Color: Light yellow/tan

Odor: Mild, nutty/cereal

Odor Threshold: No applicable data available.

pH:	No applicable data available.
Melting point/range:	No applicable data available.
Boiling point/boiling range:	No applicable data available.
Flash Point:	No applicable data available.
Evaporation Rate:	No applicable data available.
Flammability (solid, gas):	May form combustible dust concentrations in air.
Upper explosion limit:	No applicable data available.
Lower explosion limit:	No applicable data available.
Vapour density:	No applicable data available.
Specific gravity (relative density):	No applicable data available.
Bulk density:	ca. 0.45 g/cm ³
Water solubility:	dispersible, emulsifiable
Solubility(ies):	No applicable data available.
Partition coefficient n-octanol/water:	No applicable data available.
Auto-ignition temperature:	No applicable data available.
Decomposition temperature:	No applicable data available.
Viscosity, kinematic:	No applicable data available.
Viscosity, dynamic:	No applicable data available.

10. STABILITY AND REACTIVITY

Reactivity	No hazards to be specially mentioned. Stable at normal/ambient temperature and pressure.
Chemical Stability	Stable at normal ambient temperature and pressure.
Possibility of Hazardous Reactions	None known.
Conditions to Avoid	Avoid dust formation.
Incompatible Materials	Strong oxidizing agents.
Hazardous Decomposition Products	Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke), Nitrogen oxides (NO _x), Oxides of phosphorus.

11. TOXICOLOGICAL INFORMATION

Carcinogenicity

The carcinogenicity classification for this product and/or its ingredients have been determined according to HazCom 2012, Appendix A.6. The classifications may differ from those listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or those found to be potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition).

None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, or OSHA, as a carcinogen.

12. ECOLOGICAL INFORMATION

Environmental Fate

De-oiled soy lecithin

- Biodegradability: Readily biodegradable
- Bioaccumulation: Bioaccumulation is unlikely

13. DISPOSAL CONSIDERATIONS**Waste Disposal Methods**

Product: This material is not considered a hazardous waste as defined by 40.CFR 372.
Comply with applicable Federal, State/Provincial, and local regulations.

Contaminated Packaging: Dispose of in accordance with local regulations.

14. TRANSPORTATION INFORMATION

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

15. REGULATORY INFORMATION**SARA 313 Regulated Chemical(s)**

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

16. OTHER INFORMATION

Disclaimer: The information contained in this Safety Data Sheet (SDS), as of the issue date, is believed to be true and correct. However, the accuracy or completeness of this information and any recommendations or suggestions are made without warranty, express or implied, or guarantee. Tersus Environmental, LLC urges each customer or recipient of this SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. Regulatory requirements are subject to change and may differ between various locations. It is the buyer's/user's responsibility to ensure that his activities comply with all federal, state, provincial or local laws. Since we cannot control the application, use or processing of the product, we do not accept responsibility. Therefore, it is the buyer's/user's duty to determine the conditions necessary for the safe use of this product and assure that the intended use of the product will not infringe in any party's intellectual property right. The information presented here pertains only to the product as shipped.

All recommendations for the use of our products, whether given by us, orally or to be implied from data or lab tests results by us, are based on the current state of our knowledge at the time those recommendations are made. When additional information is obtained, these recommendations may be updated. They may also be influenced by circumstances outside our control. Notwithstanding, such recommendation the user is responsible that the product as supplied by us is suitable to the process or purpose he/she intends to use it.

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End of Safety Data Sheet