

SAFETY DATA SHEET

Alcolec® S Standard Soy Lecithin Fluid

This safety data sheet was created pursuant to the requirements of: United States of America

Revision date 11-Apr-2023

Revision Number 1

1. Identification

Product identifier

Product Name Alcolec® S
Standard Soy Lecithin Fluid

Recommended use of the chemical and restrictions on use

Recommended use Food additive; Emulsifier

Restrictions on use For industrial use only

Details of the supplier of the safety data sheet

Supplier Address

American Lecithin Company
115 Hurley Road, Unit 2B
Oxford, CT 06478

Product Information

203-262-7100

Emergency telephone number

CHEMTREC: +1-800-424-9300
(outside the U.S. & Canada +1-703-741-5970)

2. Hazard(s) identification

Classification

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS).

Label elements

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Hazards not otherwise classified (HNOC)

None known

Other information

No information available.

3. Composition/information on ingredients

Substance

Chemical name	CAS No	Weight-%
Lecithins	8002-43-5	100

The product contains no substances which at their given concentration, are considered to be hazardous to health. *The exact percentage (concentration) of composition has been withheld as a trade secret.

4. First-aid measures

Description of first aid measures

General advice	Get medical attention if irritation or other symptoms occur.
Inhalation	Not applicable.
Eye contact	Not applicable.
Skin contact	Not applicable.
Ingestion	Not applicable.

Most important symptoms and effects, both acute and delayed

Symptoms	None known. Get medical attention if irritation or other symptoms occur.
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Indication of any immediate medical attention and special treatment needed

Note to physicians	None known.
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5. Fire-fighting measures

Suitable Extinguishing Media	Foam. Dry powder. Water spray. Carbon dioxide (CO2).
Unsuitable extinguishing media	Do not scatter spilled material with high pressure water streams.
Specific hazards arising from the chemical	None known.
Hazardous combustion products	Smoke production.
Explosion data	
Sensitivity to mechanical impact	No.
Sensitivity to static discharge	No.
Special protective equipment for fire-fighters	Positive pressure self-contained breathing apparatus (SCBA) and structural firefighters' protective clothing will provide adequate protection.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation.

Methods and material for containment and cleaning up

Methods for containment Sweep up and shovel into suitable containers for disposal. Dispose of in accordance with local regulations.

Methods for cleaning up Use personal protective equipment as required.

7. Handling and storage**Precautions for safe handling**

Advice on safe handling Use personal protection equipment. See section 8 for more information.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep/store only in original container. Keep container tightly closed in a dry and well-ventilated place.

8. Exposure controls/personal protection**Control parameters**

Exposure Limits Based on data available for ingredients

No data available

Appropriate engineering controls

Engineering controls Transfer via enclosed lines. Formulate in enclosed or ventilated mixing vessels.

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Hand protection Wear protective gloves.

Skin and body protection Wear protective gloves and protective clothing.

Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice. Regular cleaning of equipment, work area and clothing is recommended. Avoid contact with eyes, skin and clothing. Wear suitable gloves and eye/face protection.

9. Physical and chemical properties

Information on basic physical and chemical properties Appearance

Physical state	Liquid
Color	Amber
Odor	bland, beany or nutty
Odor threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No data available	None known
Melting point / freezing point	No data available	None known
Initial boiling point and boiling range	No data available	None known
Flash point	No data available	None known
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air	No data available	None known
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Vapor pressure	No data available	None known
Relative vapor density	No data available	None known
Relative density	1.02 g/mL	None known
Water solubility	No data available	None known
Solubility(ies)	No data available	None known
Partition coefficient	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known

Other information

Explosive properties	No information available
Oxidizing properties	No information available

10. Stability and reactivity

Reactivity	Not expected.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	None under normal processing.
Hazardous polymerization	Hazardous polymerization does not occur.
Conditions to avoid	None known.
Incompatible materials	None known.
Hazardous decomposition products	No hazardous decomposition products known.

11. Toxicological information

Information on likely routes of exposure

Product Information

Acute toxicity**Inhalation**

No information or data specific to the product on this toxicological (health) effect is available.

Eye contact

No information or data specific to the product on this toxicological (health) effect is available.

Skin contact

No information or data specific to the product on this toxicological (health) effect is available.

Ingestion

No information or data specific to the product on this toxicological (health) effect is available.

Symptoms related to the physical, chemical and toxicological characteristics**Symptoms**

No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure**Respiratory or skin sensitization**

No data available.

Germ cell mutagenicity

No data available.

Carcinogenicity

No data available.

Reproductive toxicity

No data available.

STOT - single exposure

No data available.

STOT - repeated exposure

No data available.

Aspiration hazard

Not expected.

Numerical measures of toxicity**Component Information**

Based on data available for ingredients

*Lecithins 8002-43-5***Eye irritation**

OECD Test No. 405: Acute Eye Irritation/Corrosion: Negative

Skin irritation

OECD Test No. 404: Acute Dermal Irritation/Corrosion: Negative

Respiratory irritation

None known

Sensitization

Not a skin sensitizer

Reproductive effects

Not expected

Mutagenic effects

Not expected

Systemic Toxicity

OECD Test No. 422: Combined Repeated Dose Toxicity Study with the Reproduction/Developmental Toxicity Screening Test: Negative. NOAEL (No observed adverse effect level) = 1000 mg/kg bw/day

Carcinogenicity

Not expected

Teratogenicity

Not expected

12. Ecological information

This product does not meet the DOT/UN/IMDG/IMO criteria of a marine pollutant.

Ecotoxicity

Classification based on data available for ingredients

Persistence and degradability

Based on data available for ingredients.

Bioaccumulative potential

Based on data available for ingredients.

Chemical name	Biodegradation	Bioaccumulation/Accumulation
Lecithins	Readily biodegradable	Not likely to bioaccumulate
8002-43-5		

Mobility in soil

No information available.

Other adverse effects

No information available.

13. Disposal considerations**Waste from residues/unused products**

Dispose of wastes in an approved waste disposal facility. Dispose of contents and container in accordance with local, regional, national, and international regulations as applicable.

Contaminated packaging

Dispose of empty containers and wastes safely. Dispose of waste product or used containers according to local regulations.

14. Transport information**DOT**

Not regulated

IATA

Not regulated

IMDG

Not regulated

15. Regulatory information**International Inventories**

Based on data available for ingredients

Chemical name	AICS	DSL/NDL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS
Lecithins 8002-43-5	X	X	X	-	X	X	X

US Federal Regulations**TSCA**

Complies

Chemical name	CAS No	US TSCA Inventory listing	US TSCA active/inactive designation
Lecithins	8002-43-5	Present	Active

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations**California Proposition 65**

Contact supplier for inventory compliance status.

U.S. State Right-to-Know Regulations

Based on data available for ingredients

16. Other information**Legend:**

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

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Revision Note ***Indicates updated data since last publication.

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet