

Issue Date: 04/28/2015
Trade Name: Soybean Oil

Reviewed: 1/15/2026

1. Identification

Product Identifier

- **Trade Name:** Soybean Oil
- **CAS Number:** 8001-22-7
- **Relevant identified uses of the substance or mixture and uses advised against:**
No further relevant information available.

Details of the supplier of the safety data sheet

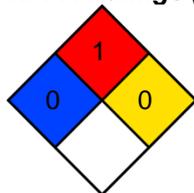
- **Manufacturer/Supplier:**
Ag Processing Inc.
12700 West Dodge Road
Omaha, NE 68154
Phone: 402-496-7809
- **Emergency telephone number:** 402-496-6688

2. Hazard(s) Identification

- **Classification of the substance or mixture:** The substance is not classified according to the Globally Harmonized System (GHS).
- **Label Elements**
- **GHS Label Elements:** Non-Regulated Material
- **Hazard Pictograms:** Non-Regulated Material
- **Signal Word:** Non-Regulated Material
- **Hazard Statements:** Non-Regulated Material
- **Unknown Acute Toxicity:** 100 percent of the mixture consists of ingredient(s) of unknown toxicity.

Classification System

NFPA Ratings (scale 0-4)



Health = 0
Fire = 1
Reactivity = 0

HMIS Ratings (scale 0-4)

HEALTH	0
FIRE	1
REACTIVITY	0

Health = 0
Fire = 1
Reactivity = 0

- **Hazard(s) not otherwise classified (HNOC):** None known

3. Composition/Information of Ingredients

- **Chemical Characterization:** Substances
- **CAS No. Description:** 8001-22-7 Soybean Oil

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4. First-Aid Measures

Description of First-Aid Measures

- **General Information:** No special measures required.
- **After Inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After Skin Contact:** Generally the product does not irritate the skin.
- **After Eye Contact:** Rinse opened eye for several minutes under running water.
- **After Swallowing:** If swallowed and symptoms occur, consult a doctor.

Information for Doctor

- **Most important symptoms and effects, both acute and delayed:** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed:** No further relevant information available.

5. Fire-Fighting Measures

Extinguishing Media

- **Suitable Extinguishing Agents:** CO₂, sand, extinguishing powder. Do not use water.
- **For Safety Reasons Unsuitable Extinguishing Agents:** Water
- **Special hazards arising from the substance or mixture:** Possible risk of auto ignition/spontaneous combustion under high temperature, closed conditions if material is absorbed on various fiber matrices and in the presence of oxygen (e.g. oily rags).

Advice for Firefighters

- **Protective Equipment:** As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent), and full protective gear to prevent contact with skin and eyes.
- **Additional Information:** Application of water to burning oil can cause spattering. Oil will float on water.

6. Accidental Release Measures

- **Personal Precautions, Protective Equipment and Emergency Procedures:** Not Required.
- **Environmental Precautions:** Do not allow to enter sewers / surface or ground water.
- **Methods and materials for containment and clean up:** Absorb with liquid-binding material (i.e., sand, diatomite, acid binders, universal binders, sawdust). Dispose of the collected material according to regulations.
- **Reference to other Sections:**
See Section 7 for information on Safe Handling.
See Section 8 for information on Personal Protection Equipment.
See Section 13 for Disposal Information.

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7. Handling and Storage

Handling

- **Precautions for Safe Handling:** No special measures required.
- **Information about protection against explosions and fires:** Soiled rags or absorbent material should not be kept under high temperature, closed conditions in the presence of oxygen.

Conditions for safe storage, including any incompatibilities

- **Requirements to be met by storerooms and receptacles:** Store in a cool, dry, well ventilated area away from direct sunlight and any incompatible materials (see Section 10).
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **Specific end use(s):** No further relevant information available.

8. Exposure Controls/Personal Protection

- **Additional information about design of technical systems:** No further data; see Section 7.

Control Parameters

Components with occupational exposure limits

8001-22-7 Soybean Oil

TWA Short-term value: 5 mg/m³

Long-term value: 15 mg/m³

- **Additional Information:** The lists that were valid during the creation of this SDS were used as basis.

Exposure Controls

Personal Protective Equipment

- **General protective and hygienic measures:** The usual precautionary measures for handling chemicals should be followed.
- **Breathing Equipment:** If in mist form and levels are above 15 mg/m³, a dust mask is advisable.
- **Protection of Hands:** Not required.
- **Material of Gloves:** The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
- **Penetration time of Glove Material:** Not applicable.
- **Eye Protection:**



Safety Glasses

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9. Physical and Chemical Properties

Information on basic physical and chemical properties

General Information

- **Appearance**
 - Form:** Liquid
 - Color:** Yellowish Brown
- **Odor:** Light Vegetable Oil
- **Odor Threshold:** Not determined.
- **pH-Value:** Not determined.
- **Change in condition**
 - Melting Point/Melting Range:** Not determined.
 - Boiling Point/Boiling Range:** Not determined.
- **Flash Point:** 282° C (540° F)
- **Flammability (solid, gaseous)** Not applicable.
- **Ignition Temperature**
 - Decomposition Temperature:** Not determined.
 - Auto Igniting:** Not determined.
- **Danger of Explosion:** Product does not present an explosion hazard.
- **Explosion Limits**
 - Lower:** Not determined.
 - Upper:** Not determined.
- **Vapor Pressure:** Not applicable.
- **Density**
 - Density @ 20° C (68° F)** 0.925 g/cm³ (7.719 lbs/gal)
 - Relative Density:** Not determined.
 - Vapor Density:** Not applicable.
 - Evaporation Rate:** Not applicable.
- **Solubility In / Miscibility with Water:** Insoluble: Liquid surface tension (est.) 25
Dynes/cm at 20° C
- **Partition Coefficient (n-octanol/water):** Not determined.
- **Viscosity**
 - Dynamic:** Not determined.
 - Kinematic:** Not determined.
 - Organic Solvents:** 0.0%
 - Other Information:** No further relevant information available.

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10. Stability and Reactivity

- **Reactivity:** No further relevant information available.
- **Chemical Stability:** Stable under normal conditions.
- **Thermal Decomposition / Conditions to be avoided:** Thermal decomposition will produce toxic oxides of carbon.
- **Possibility of Hazardous Reaction:** No dangerous reactions known.
- **Conditions to Avoid:** No further relevant information available.
- **Incompatible Materials:** No further relevant information available.
- **Hazardous Decomposition Products:** Oxides of carbon (CO_x).

11. Toxicological Information

Information on Toxicological Effects

- **Acute Toxicity**
 - **Primary Irritant Effect:**
 - **on the skin:** No irritating effect.
 - **on the eye:** No irritating effect.

Additional Toxicological Information: When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us. The substance is not subject to classification.

- **Carcinogenic Categories**
 - **IRAC (International Agency for Research on Cancer)**
 - **NTP (National Toxicology Program):** Substance is not listed.
 - **OSHA-Ca (Occupational Safety & Health Administration):** Substance not listed.

12. Ecological Information

Toxicity

- **Aquatic Toxicity:** No further relevant information available.
- **Persistence and Degradability:** No further relevant information available.

Behavior in Environmental System

- **Bio-accumulative Potential:** No further relevant information available.
- **Mobility in soil:** No further relevant information available.

Additional Ecological Information

- **General Notes:** Not known to be hazardous to water.
- **Results of PB and vPvB Assessments**
 - **PBT:** Not applicable.
 - **vPvB:** Not applicable.
- **Other Adverse Effects:** No further relevant information available.

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13. Disposal Considerations

Waste Treatment Methods

- **Recommendation:** Review local regulations before cleaned up materials are introduced into sewer system or waste treatment systems.

Un-cleaned Packagings

- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended Cleansing Agent:** Water, if necessary with cleansing agents.

14. Transport Information

UN-Number

- **DOT, ADR, AND, IMDG, IATA:** Non-Regulated Material.

UN Proper Shipping Name

- **DOT, ADR, AND, IMDG, IATA:** Non-Regulated Material.

Transport Hazard Class(es)

- **DOT, ADR, AND, IMDG, IATA:** Non-Regulated Material.

Class

- **Packing Group**
DOT, ADR, AND, IMDG, IATA: Non-Regulated Material.
- **Environmental Hazards:** Not applicable.
- **Special Precautions for User:** Not applicable.
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable.

UN "Model Regulation": --

15. Regulatory Information

Safety, Health and Environmental Regulations/Legislation specific for the substance or mixture

- **Sara**
Section 355 (extremely hazardous substances): Substance is not listed.
Section 313 (Specific toxic chemical listings): Substance is not listed.
TSCA (Toxic Substances Control Act): Substance is listed.
- **California Proposition 65**
Chemicals known to cause cancer: Substance is not listed.
Chemicals known to cause reproductive toxicity for females: Substance is not listed.
Chemicals known to cause reproductive toxicity for males: Substance is not listed.
Chemicals known to cause developmental toxicity: Substance is not listed.
- **Carcinogenic Categories**

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EPA (Environmental Protection Agency): Substance is not listed.
TLV (Threshold Limit Value established by ACGIH): Substance is not listed.
NIOSH-Ca (National Institute for Occupational Safety and Health): Substance is not listed.

- **GHS label elements:** Non-Regulated Material.
- **Hazard Pictograms:** Non-Regulated Material.
- **Signal Word:** Non-Regulated Material.
- **Hazard Statement:** Non-Regulated Material.
- **National Regulations:** Substance is not listed.
- **State Right to Know:** Substance is not listed.
- **Chemical Safety Assessment:** A Chemical Safety Assessment has not been carried out.

16. Other Information

The information and recommendations in this Safety Data Sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

- **Date of Preparation / Last Revision:** 04/28/2015
- **Abbreviations and Acronyms:**
 - ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road
 - AND: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
 - IMDG: International Maritime Code for Dangerous Goods
 - DOT: US Department of Transportation
 - IATA: International Air Transport Association
 - ACGIH: American Conference of Governmental Industrial Hygienists
 - CAS: Chemical Abstracts Service (Division of the American Chemical Society)
 - NFPA: National Fire Protection Association (USA)
 - HMIS: Hazardous Materials Identification System (USA)
- **Data compared to the previous version altered.**
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