

# Soybean Oil

## Safety Data Sheet

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

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### SECTION 1: Identification

#### 1.1. Identification

Product form : Substance  
Trade name : Soybean Oil  
Chemical name : Soybean Oil  
CAS-No. : 8001-22-7

#### 1.2. Recommended use and restrictions on use

Use of the substance/mixture : Industrial Use ;  
No known restrictions

#### 1.3. Supplier

Level 7 Chemical, Inc.  
253 Sturgis Rd  
Conway, AR 72034

1-855-927-1777

#### 1.4. Emergency telephone number

Emergency number : CHEMTREC (800) 424-9300

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

##### GHS-US classification

The substance is not classified as hazardous according to the Globally Harmonized System (GHS).

#### 2.2. GHS Label elements, including precautionary statements

According to the corresponding national regulations there is no labelling obligation for this product.

Other hazards not contributing to the classification : Rags, steel wool, or waste soaked with product may spontaneously ignite if improperly handled or discarded.

#### 2.4. Unknown acute toxicity (GHS US)

Not applicable

### SECTION 3: Composition/Information on ingredients

#### 3.1. Substances

Name	Product identifier	%	GHS-US classification
Soybean Oil (Main constituent)	(CAS-No.) 8001-22-7	100	Not classified

Full text of hazard classes and H-statements : see section 16

#### 3.2. Mixtures

Not applicable

### SECTION 4: First-aid measures

#### 4.1. Description of first aid measures

First-aid measures general : Take affected persons out into the fresh air.  
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Supply fresh air; consult doctor in case of complaints.  
First-aid measures after skin contact : Clean with water and soap. If skin irritation continues, consult a doctor. Wash skin with plenty of water.  
First-aid measures after eye contact : Remove contact lenses, if present and easy to do. Continue rinsing. Immediately rinse with water for a prolonged period while holding the eyelids wide open. If eye irritation persists: Get medical advice/attention. Rinse eyes with water as a precaution.  
First-aid measures after ingestion : Rinse mouth. Drink plenty of water. Do not induce vomiting. Immediately call a poison center or doctor/physician. Call a poison center/doctor/physician if you feel unwell.

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### 4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after eye contact : May cause slight irritation.  
Symptoms/effects after ingestion : Gastric or intestinal disorders when ingested.

### 4.3. Immediate medical attention and special treatment, if necessary

No additional information.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Gaseous extinguishing agents. Water spray. Dry powder. Foam. Carbon dioxide.  
Unsuitable extinguishing media : Water.

### 5.2. Specific hazards arising from the chemical

Fire hazard : Formation of toxic gases is possible during heating or in case of fire.  
Reactivity : The product is non-reactive under normal conditions of use, storage and transport.

### 5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective g. Eliminate all ignition sources if safe to do so.  
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area.

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Absorb with non-combustible liquid-binding material (sand, diatomite, acid binders, universal binders). Remove from the water surface (e.g. skim or suction off). Send for suitably qualified recovery and/ or disposal companies. Dispose of the collected material according to regulations.  
Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Do not use pressure to empty drums. Keep away from open flames, hot surfaces and sources of ignition.  
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool. To maintain product quality, do not store in heat or direct sunlight.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

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### 8.2. Appropriate engineering controls

- Appropriate engineering controls : Ensure good ventilation of the work station especially in a confined areas. Apply technical measures to comply with the occupational exposure limits.
- Environmental exposure controls : Avoid release to the environment.

### 8.3. Individual protection measures/Personal protective equipment

#### Hand protection:

Protective gloves. Oil resistant gloves are recommended.

#### Eye protection:

Safety glasses. If exposed to airborne mist, or if splashing is possible, appropriate safety glasses with side-shields or safety goggles are recommended.

#### Skin and body protection:

Wear suitable protective clothing. Appropriate body protection should be selected based on activity and possible exposure. Also take into consideration the specific local conditions under which the product is used.

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Yellow liquid.
Color	: Yellow
Odor	: Slight vegetable oil
Odor threshold	: No data available
pH	: Not applicable
Melting point/ Freezing point	: Approx. -20 °C / -4 °F
Boiling point	: Decomposes before boiling
Flash point	: > 500 °F
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: Not applicable Not applicable.
Vapor pressure	: Not determined
Relative vapor density at 20 °C	: 0.92 - 0.95 g/cm <sup>3</sup> (7.677 - 7.928 lbs/ gal.)
Relative density	: Not determined
Specific gravity / density	: 0.92 - 0.95 g/cm <sup>3</sup>
Solubility	: Not miscible
Log Pow	: No data available
Auto-ignition temperature	: Not determined
Decomposition temperature	: Not determined
Viscosity, kinematic	: No data available
Viscosity, dynamic	: Not determined
Explosion limits	: Product does not present an explosion hazard
Explosive properties	: No data available
Oxidizing properties	: Not expected to be oxidizing

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

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### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No materials to be especially mentioned.

### 10.6. Hazardous decomposition products

Carbon monoxide and carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Skin corrosion/irritation	: Not classified pH: Not applicable
Serious eye damage/irritation	: Not classified (slight irritant effect on eyes) pH: Not applicable
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity – single exposure	: Not classified (repeated exposure may cause skin dryness or cracking)
Specific target organ toxicity – repeated exposure	: Not classified
Aspiration hazard	: Not classified
Viscosity, kinematic	: No data available
Symptoms/effects after eye contact	: May cause slight irritation.
Symptoms/effects after ingestion	: Gastric or intestinal disorders when ingested.
Other information	: When used and handled according to specifications, the product does not have any harmful effects. This substance is not subject to classification.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general	: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
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#### Soybean Oil (8001-22-7)

LC50 fish 1	> 10000 ml/l (OECD 203)
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### 12.2. Persistence and degradability

#### Soybean Oil (8001-22-7)

Persistence and degradability	Readily biodegradable.
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### 12.3. Bioaccumulative potential

#### Soybean Oil (8001-22-7)

Bioaccumulative potential	Does not accumulate in organisms.
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### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

No additional information available

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### SECTION 13: Disposal considerations

#### 13.1. Disposal methods

- |  |   |
|--|---|
| Waste treatment methods                    | : Dispose of contents/container in accordance with licensed collector's sorting instructions.   |
| Product/Packaging disposal recommendations | : Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to all the applicable regulations. Can be reused after reprocessing. Contact waste processors for recycling information. |
| Additional information                     | : Disposal must be made according to the applicable regulations.  |

### SECTION 14: Transport information

#### Department of Transportation (DOT)

In accordance with DOT

Not regulated for Transport

#### Transportation of Dangerous Goods

Not regulated

#### Transport by sea

Not regulated

#### Air transport

Not regulated

### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

##### Soybean Oil (8001-22-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

#### 15.2. International regulations

##### CANADA

No additional information available

##### EU-Regulations

No additional information available

##### National regulations

No additional information available

#### 15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

### SECTION 16: Other information

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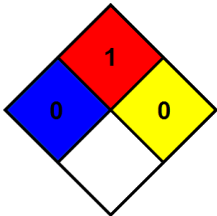
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Abbreviations and acronyms:

SDS	Safety Data Sheet
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NFPA health hazard	: 0 - Materials that, under emergency conditions, would offer no hazard beyond that of ordinary combustible materials.
NFPA fire hazard	: 1 - Materials that must be preheated before ignition can occur.
NFPA reactivity	: 0 - Material that in themselves are normally stable, even under fire conditions.



Hazard Rating	
Health	: 0 Minimal Hazard - No significant risk to health
Flammability	: 1 Slight Hazard - Materials that must be preheated before ignition will occur. Includes liquids, solids and semi solids having a flash point above 200 F. (Class IIIB)
Physical	: 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

SDS US (GHS HazCom 2012)

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