



THE SOURCE FOR DOMESTIC
AND IMPORTED OILS

SAFETY DATA SHEET according to GHS

Product: REFINED, BLEACHED AND DEODORIZED SOYBEAN OIL

Revised: May 2023

1. Identification of the Substance/Preparation and the Company

Trade Name:

Refined, Bleached and Deodorized Soybean Oil

Distributor:

Alnor Oil Company, Inc.

70 E. Sunrise Highway

Suite 418

Valley Stream, NY 11581

Tel: (516) 561-6146

EMERGENCY NUMBER: 800-424-9300

For Chemical Emergency, Spill, Leak, Fire, Exposure or Accident call **CHEMTREC**

2. Hazards Identification

This product is NOT classified as hazardous according to 29 CFR 1910, amended to confirm to the United Nations' Globally Harmonized System of Classifications and Labelling of Chemicals (OSHA / GHS); SOR/88-66, the Canadian Controlled Products Registrations (CPR); and/or NOM-002-SCT-2003 (Mexico). However, vegetable oil (in mist form) is known to be listed as an OSHA 29 CFR 1910.1000 Air Contaminant. Occupational exposure limits are subsequently provided in section 8 of this SDS.

Emergency Overview:

Spontaneous combustion (fire) may result from oil soaked material such as rags, steel wool, paper, and clothing. Place soaked materials in a sealed, metal container to prevent this. The product contains no substances which at this given concentration, are considered to be hazardous to health.

3. Composition/Information on Ingredients

Chemical Family:

Oil

Chemical Name:

Soybean Oil

Weight %

99-100

North American Hazard Indicator

None Known

CAS# 8001-22-7

4: First-Aid Measures

General Advice: No hazards which require special first aid measures. When symptoms persist or in all cases of doubt seek medical advice.

Eye Contact: Rinse thoroughly with plenty of water, also under the eyelids.

Skin Contact: Wash off with warm water and soap.

Inhalation: Move to fresh air.

Ingestion: No special measures required. Health injuries are not known or expected under normal use.

Most important symptoms and affects, both acute and delayed

Eyes: Not expected to pose health issues for eyes.



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Skin: Prolonged or excessive contact with skin may result in mild irritation; however, significant health injuries are not expected under normal use.

Inhalation: Health injuries are not known or expected under normal use. When in the form of an airborne mist, refer to section 8 of this sheet for exposure limits pertaining to "vegetable oil mist". Excessive inhalation of mist may result in respiratory irritation.

Ingestion: Health injuries are not known or expected under normal use. Overexposure may cause gastrointestinal disturbance.

Indication of any immediate medical attention and special treatment needed

Notes to Physician: Treat symptomatically.

5. Fire Fighting Measures

Flammable Properties

Material may pose fire hazard because it is dispersed (or spread) by water.

Extinguishing media

Suitable Extinguishing Media: Dry Chemical. Dry chemical powder. Carbon dioxide (CO₂). Foam. Sand. Fog. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media: Do not use a solid water stream as it may scatter and spread fire.

Special hazards arising from the substance or mixture

Hazardous Combustion Products: Thermal decomposition can lead to release of irritating gases and vapors, Acrolein, Carbon monoxide (CO), Carbon dioxide (CO₂), Smoke, Fumes.

Specific Hazards Arising from the Chemical: Risk of ignition. Rags and other materials containing this product may heat and spontaneously ignite, if exposed to air. Store wiping rags and similar materials in metal cans with tightly fitting lids. Cool closed containers exposed to fire with water spray.

Sensitivity to mechanical impact: No information available.

Sensitivity to static discharge: No information available.

Advice for Firefighters

Protective Equipment and Precautions for Firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA

Health 0

Flammability 1

Stability and Reactivity 0

Physical hazard- None known

6. Accidental Release Measures

Personal Precautions

Avoid high pressure washing or generation of aerosols. Material can create slippery conditions.

Environmental Precautions

Prevent further leakage or spillage if safe to do so. Do not allow product to reach soil, sewage system or any water course.

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Methods for Clean-up

Dam up. Soak up with inert absorbent material. Use dry spill kit material or sand, collect in appropriate containers. For disposal.

Other Information:

Oil soaked materials may spontaneously combust.

7. Handling and Storage

Handling

Ensure adequate ventilation. Do not use pressure to empty drums. Keep away from open flames, hot surfaces and sources of ignition.

Storage

Keep in a cool sheltered place. To maintain product quality, do not store in heat or direct sunlight.

8. Exposure Controls / Personal Protection

Exposure Limits

As an airborne mist containing vegetable oil, exposure limits pertaining to “vegetable oil mist” have been provided below.

Chemical Name: vegetable oil mist

ACGIH TLV: TLV 10mg/m³

OSHA PEL: TWA:5 mg/m³ mist, respirable fraction TWA: 15 mg/m³ mist, total

Mexico: TWA: 10 mg/m³ except irritant oils

NIOSH: TWA: 10 mg/m³ total mist TWA: 5 mg/m³ respirable mist

Engineering Measures

Ensure adequate ventilation, especially in confined areas. Apply technical measures to comply with the occupational exposure limits.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

Personal Protective Equipment

Eye/face Protection

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

Skin and Body Protection

Oil resistant gloves are recommended. 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 mist, spray or aerosol exposure wear suitable personal respiratory protection.



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9. Physical and Chemical Properties

Appearance	Light yellow
Physical State	Liquid
Odor	Slight Vegetable oil
Odor Threshold	Not Applicable
pH	Not Applicable
Flash Point	Approx. 321 °C / 610 °F
Auto Ignition Temperature	Not auto-flammable
Boiling Point	No information available
Melting/Freezing Point	Approx. -20 °C / -4 °F
Decomposition Temperature	No information available
Oxidizing Properties	Not expected to be oxidizing
Water Solubility	Insoluble
Solubility(ies)	Soluble in many organic solvents
Evaporation Rate	No information available
Vapor Pressure	No information available
Specific Gravity / Relative Density	Approx. 0.9 (H ₂ O=1)
Partition Coefficient (n-octanol/water)	No information available

10. Stability and Reactivity

Stability

Stable under normal conditions

Possibility of Hazardous Reactions

None under normal processing

Conditions to Avoid

Keep away from open flames, hot surfaces and sources of ignition

Incompatible Materials

No materials to be especially mentioned

Hazardous Decomposition Products

Thermal decomposition leads to formation of acrolein, Carbon monoxide (CO), Carbon dioxide (CO₂), Smoke, Fumes

11. Toxicological Information

Information on Toxicological Effects

Acute toxicity	Based on available data, no evidence of acute toxicity
Skin corrosion/irritation	Based on available data, not, or only slightly irritating
Serious eye damage/eye irritation	Based on available data, no evidence of serious eye damage
Respiratory or skin sensitization	Based on available data, not expected to be a skin or respiratory sensitizer
Germ cell mutagenicity	Based on available data, the classification criteria are not met
Carcinogenicity	Based on available data, no evidence of carcinogenicity

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Reproductive toxicity
STOT- single exposure
STOT- repeated exposure
Aspiration hazard

Based on available data, no evidence of reproductive toxicity
Based on available data, the classification criteria are not met
Based on available data, the classification criteria are not met
Based on available data, no known aspiration hazard

Potential health effects

Eyes

Not expected to pose health issue for the eye

Skin

Prolonged or excessive contact with skin may result in mild irritation; however, significant health injuries are not expected under normal use

Inhalation

Health injuries are not known or expected under normal use. When in the form of an airborne mist, refer to section 8 of this sheet for exposure limits pertaining to “vegetable oil mist”. Excessive inhalation of mist may result in respiratory irritation

Ingestion

Health injuries are not known or expected under normal use. Overexposure may cause gastrointestinal disturbance

12. Ecological Information

Ecotoxicity

Not classified for aquatic toxicity

Persistence/Degradability

Readily biodegradable

Mobility

The Product is insoluble and floats on water

13. Disposal Considerations

Whenever possible, as rules and regulations allow, please recycle or manage materials to minimize waste

Waste disposal methods

Dispose of in compliance with the laws and regulations pertaining to this product in your jurisdiction. Oil soaked materials may spontaneously combust and should be properly managed to avoid ignition and heat sources or oxygen rich environments. Collect and store soaked materials in closed, metal containers to help prevent combustion.

Contaminated Packaging

Empty containers should be decontaminated and taken for local recycling, recovery or waste disposal.

14. Transport Information

Domestic transport regulations (USA)

DOT Not regulated

Domestic transport regulations (Canada)

TDG Not regulated



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Domestic transport regulations (Mexico)
MEX not regulated

International transport regulations
ICAO Not regulated
IATA Not regulated
IMDG/IMO Not regulated

15. Regulatory Information

The components of this product are reported in the following inventories:
TSCA, DSL, EINECS 232-274-4, AICS, CHINA, PICCS, KECL KE-31718, NZIoC

USA

Federal Regulations:

Ozone Depleting Substances:

No Class I or Class II material is known to be used in the manufacture of, or contained in, this product.
Sara313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product is not known to contain any chemicals which are subject to the reporting requirements of the Act or regulations contained in 40 CFR 372.

CERCLA/SARA 103-302

Sections 103-302 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product is not known to contain any chemicals which are subject to the reporting requirements of the ACT or regulations contained in 40 CFR 103-302.

SARA 311/312 Hazardous Categorization

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs)
This product is not known to contain any HAPS

State Regulations

California Proposition 65

Proposition 65 chemicals are not expected to be found in this product above those naturally present in their agricultural source. Proposition 65 exempts naturally occurring listed chemicals from an obligation to label.



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State Right –to-Know

Component Information

Chemical Name: Soybean oil

Weight 99-100%

Massachusetts	No
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Minnesota	No
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New Jersey	No
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Pennsylvania	No
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Canada

WHMIS Product Classification

Not a WHMIS controlled product.

WHMIS Ingredient Disclosure List IDL

No known component is listed on the WHMIS ingredients disclosure list.

(NPRI) Canadian National Pollutant Release Inventory

No known component is listed on NPRI

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

Mexico

Mexico – Grade	Slight risk, Grade 1
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16. Other Information

The information provided on this (M)SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.