Safety Data Sheet

Edible Soybean Oils

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SECTION 1. IDENTIFICATION

1.1. Product Identifier

Product Form	Substance
Product Name	Edible Soybean Oils
CAS-No.	8001-22-7
Synonyms	Non-GMO HighOleic; Regular; Oil; Soybean Oil; Non-GMO; High Oleic; Low-Sat; Ultra Low Lin; RBD;

1.2. Intended Use of the Product

Use of the Substance/Mixture	Food

1.3. Name, Address, and Telephone of the Responsible Party

Manufacturer Contact	Polyrheo 2925 E Ontario St, (ZFS) 2525 84th Philadelphia ZPA 19134, USA

1.4. Emergency Telephone Number

Emergency Number	Canada – CANUTEC 24-hour# 613-996-6666.

SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture Not classified

Not classified

2.2. Label

Elements GHS-US

Labeling

No labeling applicable according to 29 CFR 1910.1200.

2.3. Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

2.4. Unknown Acute Toxicity (GHS-US)

No data available

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Name Soybean Oil
CAS-No. 8001-22-7

Name	Synonyms	Product Identifier	%
Soybean oil	**Oils, soybean / Soyabean oil / Soya oil / Soybean oil extractives and physically modified derivatives obtained from Soja hispida, Leguminosae / Refined soybean oil / GLYCINE SOJA OIL / Soya extract / Glycine soja (soybean) oil / Glycine soja oil / GLYCINE SOJA (SOYBEAN) OIL / Soybean oil (Extractives and their physically modified derivatives. It consists primarily of the glycerides of the fatty acids linoleic, oleic, palmitic and stearic.) / Soybean oil (Extractives and their physically modified derivatives. It consists primarily of the glycerides of the fatty acids linoleic, oleic, palmitic and stearic. (Soja hispida, Leguminosae).) / Glycine soja**	**(CAS-No.) 8001-22-7**	**100**

3.2. Mixture

Not applicable

SECTION 4. FIRST AID MEASURES

4.1. Description of First-aid Measures

General — Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
Inhalation — When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.
Skin Contact — Remove contaminated clothing. Drench affected area with water for at least 5 minutes. Obtain medical attention if irritation develops or persists.
Eye Contact — Rinse cautiously with water for at least 5 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.
Ingestion — Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

4.2. Most Important Symptoms and Effects Both Acute and Delayed

General — Not expected to present a significant hazard under anticipated conditions of normal use.
Inhalation — Prolonged exposure may cause irritation.
Skin Contact — Prolonged exposure may cause skin irritation.
Eye Contact — May cause slight irritation to eyes.
Ingestion — Ingestion may cause adverse effects.
Chronic — None expected under normal conditions of use.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5. FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media — Use extinguishing media appropriate for surrounding fire.
Unsuitable Extinguishing Media — Do not use a heavy water stream. Use of heavy stream of water may spread fire. Application of water stream to hot product may cause frothing and increase fire intensity.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard	Porous material such as rags, paper, insulation, or organic clay may spontaneously combust when wetted with this material.
Explosion Hazard	Product is not explosive.
Reactivity	Hazardous reactions will not occur under normal conditions.

5.3. Advice for Firefighters

Precautionary Measures Fire	Exercise caution when fighting any chemical fire.
Firefighting Instructions	Use water spray or fog for cooling exposed containers.
Protection During Firefighting	Do not enter fire area without proper protective equipment, including respiratory protection.
Hazardous Combustion Products	Carbon oxides (CO, CO_2).

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures	Avoid prolonged contact with eyes, skin and clothing. Avoid breathing (vapor, mist, spray).

6.1.1. For Non-Emergency Personnel

Protective Equipment	Use appropriate personal protective equipment (PPE).
Emergency Procedures	Evacuate unnecessary personnel.

6.1.2. For Emergency Personnel

For Containment:	Equip cleanup crew with proper protection.
Methods for Cleaning Up:	Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

6.2. Environmental Precautions

Prevent entry to sewers and public waters.

6.3. Methods and Materials for Containment and Cleaning Up

For Containment:	Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Methods for Cleaning Up:	Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

6.4. Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7. HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional Hazards When Processed	Porous material such as rags, paper, insulation, or organic clay may spontaneously combust when wetted with this material.
Precautions for Safe Handling	Avoid prolonged contact with eyes, skin and clothing. Avoid breathing vapors, mist, spray. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.
Hygiene Measures	Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures	Comply with applicable regulations.

Storage Conditions	Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.
Incompatible Materials	Strong acids. Strong oxidizers.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), or OSHA (PEL).

8.2. Exposure Controls

Appropriate Engineering Controls	Suitable eye/body wash equipment should be available in the vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.
Personal Protective Equipment	Gloves. Protective clothing. Protective goggles. 
Materials for Protective Clothing	Chemically resistant materials and fabrics.
Hand Protection	ear protective gloves.
Eye and Face Protection	mical safety goggles.
Skin and Body Protection	Wear suitable protective clothing.
Respiratory Protection	If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels e not known wear approved respiratory protection.
Other Information	When using, do not eat, drink or smoke.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State	Liquid
Appearance	Brownish yellow
Odor	Mild vegetable oil
Odor Threshold	No data available
pH	No data available
Evaporation Rate	< 1 (water = 1)
Melting Point	No data available
Freezing Point	No data available
Boiling Point	No data available
Flash Point	Not determined
Auto-ignition Temperature	No data available
Decomposition Temperature	No data available
Flammability (solid, gas)	Not applicable
Vapor Pressure	No data available
Relative Vapor Density at 20°C	No data available
Relative Density	No data available
Specific Gravity	0.925
Solubility	No data available

Partition Coefficient: N-Octanol/Water	No data available
Viscosity	No data available

9.2. Other Information No additional information available

SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity

Hazardous reactions will not occur under normal conditions.

10.2. Chemical Stability

Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of Hazardous Reactions

Hazardous polymerization will not occur.

10.4. Conditions to Avoid

Direct sunlight, extremely high or low temperatures, and incompatible materials.

10.5. Incompatible Materials

Strong acids. Strong oxidizers.

10.6. Hazardous Decomposition Products

Not expected to decompose under ambient conditions.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

Acute Toxicity (Oral)	Not classified
Acute Toxicity (Dermal)	Not classified
Acute Toxicity (Inhalation)	Not classified
Skin Corrosion/Irritation	Not classified
Serious Eye Damage/Irritation	Not classified
pH	Not available
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
Specific Target Organ Toxicity (Repeated Exposure)	Not classified
Aspiration Hazard:	Not classified
Symptoms/Injuries After Inhalation:	Prolonged exposure may cause irritation.

Symptoms/Injuries After Skin Contact:	Prolonged exposure may cause skin irritation.
Symptoms/Injuries After Eye Contact:	May cause slight irritation to eyes.
Symptoms/Injuries After Ingestion:	Ingestion may cause adverse effects.
Chronic Symptoms:	None expected under normal conditions of use.

SECTION 12. ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - General: Not classified.

12.2. Persistence and Degradability

Soybean Oil (8001-22-7)	
Persistence and Degradability	Not established.

12.3. Bioaccumulative Potential

Soybean Oil (8001-22-7)	
Bioaccumulative Potential	Not established.

12.4. Mobility in Soil

No additional information available

12.5.Other Adverse Effects

Other Information- Avoid release to the environment

SECTION 13. DISPOSAL CONSIDERATIONS

13.1. Waste Treatment Methods

Waste Disposal Recommendations	Dispose of contents/container in accordance with local, regional, national, and international regulations.
Ecology - Waste Materials	Avoid release to the environment.

SECTION 14. TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

14.1. In Accordance with DOT Not regulated for transport

14.2. In Accordance with IMDG Not regulated for transport

14.3. In Accordance with IATA Not regulated for transport

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

15.2. US State Regulations

Soybean oil (8001-22-7)
U.S. - Pennsylvania - RTK (Right to Know) List

SECTION 16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Date of Preparation or Latest Revision	05/01/2020
Other Information	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
Additional Information	**DISCLAIMER** The information in this SDS was obtained from sources that we believe are reliable. The information is provided without any representation or warranty, express or implied, regarding its accuracy or correctness. The condition of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This is a food product and is therefore regulated by the Food and Drug Administration (FDA).

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