

1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Soy Butter
Synonyms	:	Hydrogenated Soybean Oil
CAS #	:	8016-70-4
Country of Origin	:	USA
EINECS #	:	232-410-2
Product use	:	Domestic and Industrial
Supplier	:	New Directions Aromatics Inc.
Address	:	6781 Columbus Road, Mississauga, Ontario, CANADA L5T 2G9
Fax	:	905-362-1926
Telephone number	:	905-362-1915
Emergency phone number	:	(613)-996-6666 CANUTEC 24 HOUR EMERGENCY

2. HAZARDS IDENTIFICATION

Emergency Overview

GHS Classification

This product is NOT classified as hazardous according to 29 CFR 1910, amended to conform to the United Nations' Globally Harmonized System of Classification and Labelling of Chemicals (OSHA / GHS); SOR/88-66, the Canadian Controlled Products Regulations (CPR); and/or NOM-002-SCT-2003 (Mexico).

GHS Label elements, including precautionary statements

Signal: Not applicable

Hazard statement(s)

Not applicable.

Precautionary statement(s)

Not applicable.

3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
Hydrogenated Soybean Oil	8016-70-4	232-410-2	100 %

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

4. FIRST AID MEASURES

Eye contact

Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention if irritation occurs.

Skin contact

Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.

Inhalation

If inhaled, removed to fresh air. Get medical attention if symptoms appear.

Ingestion

No special measures required. Health injuries are not known or expected under normal use. Overexposure may cause: Gastrointestinal disturbance.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Dry chemical. Dry chemical powder. Carbon dioxide. 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 protective equipment and precautions for fire-fighters

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

Special hazards arising from the substance or its combustible products

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 can with tight fitting lids. Cool closed containers exposed to fire with water spray.

Resulting gases

Thermal decomposition leads to formation of acrolein, carbon monoxide, carbon dioxide, smoke, fumes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures.

Avoid high pressure washing or generation of aerosols. Material can create slippery conditions. Oil soaked materials may spontaneously combust.

Environmental precautions

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

Methods and materials for containment and cleaning up

Dam up. Soak up with inert absorbent material. Use dry spill kit material or sand, collect in appropriate containers, for disposal information see section 13. Clean contaminated surface thoroughly.

7. HANDLING AND STORAGE

Precautions for safe handling

Ensure adequate ventilation. Do not use pressure on empty drums. Keep away from open flames, hot surfaces and sources of ignition. Handle in accordance with good industrial hygiene and safety procedures.

Conditions for safe storage, including any incompatibilities

Keep in a cool sheltered place. To maintain product quality, do not store in heat or direct sunlight. Recommended storage temperature not to exceed 23.8 °C.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure controls

As an airborne mist containing vegetable oil, exposure limits pertaining to "vegetable oil mist" have been provided below:

ACGIH TLV, TVL: 10 mg/m³
OSHA PEL, TWA: 5 mg/m³ respirable mist; 15 mg/m³ total mist
MEXICO, TWA: 10 mg/m³ except irritant oils
NIOSH, TWA: 10 mg/m³ total mist; 5 mg/m³ respirable mist

Eyes

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

Skin

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

In case of mist, spray or aerosol exposure, wear suitable personal respiratory protection.

Ingestion

Not for ingestion.

Exposure limit values

Vegetable oil mist
TVL: 10 mg/m³
TWA: 5 mg/m³ mist, respirable

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	White to off-white semi-solid fat.
Odor	:	Almost odorless.
Odor threshold	:	Not applicable.
pH	:	Not applicable.
Melting Point/Freezing Point	:	MP: 52 - 56 °C
Flash point	:	315.56 - 329.44 °C
Evaporation rate	:	No information available.
Vapor pressure	:	Not available.
Solubility (ies)	:	Insoluble in water.
Partition coefficient	:	No information available.
Auto-ignition temperature	:	Not auto-flammable.
Decomposition temperature	:	No information available.

10. STABILITY AND REACTIVITY

Chemical 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, carbon dioxide, smoke, fumes.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Based on available data, no evidence of acute toxicity.

Mutagenicity

Based on available data, no evidence of the classification criteria are not met.

Reproductive toxicity

Based on available data, no evidence of reproductive toxicity.

Respiratory or skin sensitization

Based on available data, no evidence of not expected to be a skin or respiratory sensitizer.

Inhalation

Health injuries are not known or expected under normal use. When in 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.

Skin contact

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

Eye contact

Not expected to pose health issues for the eye.

Ingestion

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

Skin corrosion

Based on available data, not, or only slightly irritating.

Serious eye damage

Based on available data, no evidence of serious eye damage / irritation.

Single exposure

Based on available data, no evidence of the classification criteria are not met.

Repeated exposure

Based on available data, no evidence of the classification criteria are not met.

Aspiration hazard

Based on available data, no known aspiration hazard.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Not classified for aquatic toxicity. Nonetheless, avoid any pollution of ground, surface or underground water.

Persistence and degradability

Readily biodegradable.

Bio - accumulative potential

Not available.

Mobility in soil

Not available.

13. DISPOSAL CONSIDERATION

Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

14. TRANSPORT INFORMATION

US DOT Shipping Description (Land)

Not regulated.

IMO-IMDG Shipping Description (Sea)

Not regulated.

IATA Shipping Description (Air)

Not regulated.

15. REGULATORY INFORMATION

SARA 302

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

SARA 313

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

California Proposition 65

There is no significant risk within the meaning of Proposition 65.

GHS Hazard Statements

Not available.

GHS Precautionary Statements

Not available

16. OTHER INFORMATION

Revision date : July 6, 2018

Disclaimer & Caution

Please refer to all relevant technical information specific to the product, prior to use. The information contained in this document is obtained from current and reliable sources. New Directions Aromatics Inc. provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties. As the ordinary or otherwise use(s) of this product is outside the control of New Directions Aromatics Inc., no representation or warranty, expressed or implied, is made as to the effect(s) of such use(s), (including damage or injury), or the results obtained. The liability of New Directions Aromatics Inc. is limited to the value of the goods and does not include any consequential loss. New Directions Aromatics Inc. shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. New Directions Aromatics Inc. shall not be responsible for any damages resulting from use of or reliance upon this information. In the event of any dispute, the Customer hereby agree that Jurisdiction is limited to the province of Ontario.