

SAFETY DATA SHEET (SDS)

Version 2.0

Revision Date : April 21, 2022

Print Date : April 28, 2024

1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Flax Seed Organic Carrier Oil
Botanical name	:	Linum usitatissimum
INCI name	:	Linum Usitatissimum Seed Oil
CAS #	:	8001-26-1
Country of Origin	:	China
EINECS #	:	232-278-6
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

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code and Safe Work Australia.

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
Linum Usitatissimum Seed Oil	8001-26-1	232-278-6	100 %

NOTE: Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code and Safe Work Australia.

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

Seek medical attention or contact local poison control center.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Foam. Dry Powder. Carbon dioxide.

Unsuitable extinguishing media

Water spray, water jet.

Special protective equipment and precautions for fire-fighters

Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

Special hazards arising from the substance or its combustible products

Hazardous decomposition products may be formed at extreme heat or if burned.

Resulting gases

Carbon oxides.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures.

Equip clean crew with proper protection. Respiratory protection equipment may be necessary.

Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

Methods and materials for containment and cleaning up

Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.

7. HANDLING AND STORAGE

Precautions for safe handling

No direct lighting. No smoking. Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety procedures.

Conditions for safe storage, including any incompatibilities

Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations. Keep container closed when not in use.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eyes

Use tightly sealed goggles.

Skin

If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.

Exposure limit values

Vegetable oil mists (TWA): 8hr = 10 mg/m³

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Pale yellow to golden yellow liquid.
Odor	:	Characteristic odor/aroma.
Flash point	:	>320°C
Relative density	:	0.9276 - 0.9382 @ 25°C.
Solubility (ies)	:	Soluble in oil. Insoluble in water.
Refractive index	:	1.4785 - 1.4840 @ 25°C.

10. STABILITY AND REACTIVITY

Reactivity

Oxidation with atmospheric oxygen. Formation of free fatty acids.

Chemical stability

Chemically stable.

Possibility of hazardous reactions

Hazardous polymerization will not occur.

Conditions to avoid

Avoid sparks, flame and other heat sources.

Incompatible materials

Strong oxidizing agents.

Hazardous decomposition products

Carbon Oxides.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Oral: Expected to process a relatively low degree of acute oral toxicity (LD50 expected to be >200 mg/kg.)

Reproductive toxicity

No adverse effects on reproduction are known.

Skin contact

Not expected to be an irritant.

Eye contact

Not expected to be an irritant.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Avoid any pollution of ground, surface or underground water.

Persistence and degradability

This product is 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

GHS Hazard Statements

Not available.

GHS Precautionary Statements

Not available

16. OTHER INFORMATION

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Disclaimer & Caution

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