

SAFETY DATA SHEET (SDS)

Version 2.0

Revision Date : April 22, 2022

Print Date : April 25, 2024

1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Sea Buckthorn (CO2) Carrier Oil
Botanical name	:	Hippophae rhamnoides L.
INCI name	:	Hippophae Rhamnoides Fruit Oil
CAS #	:	225234-03-7
Country of Origin	:	China
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 hazardous or dangerous under (EC) No 1272/2008, 67/548/EEC or 1999/45-EC.

GHS Label elements, including precautionary statements

Signal: Not applicable

Hazard statement(s)

Not available.

Precautionary statement(s)

Not available.

3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
Hippophae Rhamnoides Fruit Oil	225234-03-7	-	100 %

NOTE: Not classified as hazardous or dangerous under (EC) No 1272/2008, 1223/2009, 67/548/EEC or 1999/45-EC.

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

Rinse mouth with water and consult a physician immediately. Do not induce vomiting.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Foam, dry powder, carbon dioxide.

Unsuitable extinguishing media

Water

Special protective equipment and precautions for fire-fighters

Respiratory and eye protection required for fire fighting team.

Special hazards arising from the substance or its combustible products

At elevated temperatures there is a risk of exothermic polymerization (>200 deg C). At temperatures > 280 deg , acrolein (propenal) may be formed. Leakage or conditions resulting in impregnation of this oil with some porous materials such as rags, clothes, paper, insulation or clay may cause spontaneous combustion.

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

Keep away from heat and source of ignition. Ground all equipment containing material. Do not breathe gas/fumes/vapour/spray. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Handle in accordance with good industrial hygiene and safety procedures.

Conditions for safe storage, including any incompatibilities

To be stored in tightly sealed and preferably full containers in cool, dry and ventilated area. Protect from heat/ overheating and light sources. 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

Protective clothing and gloves should be worn.

Respiratory

In case of insufficient ventilation, wear suitable respiratory equipment.

Control parameters

Not determined.

Exposure limit values

Not determined.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Red-brown to dark brown liquid.
Odor	:	Characteristic odour of berry.
Initial b.p and boiling range	:	> 316 °C
Flash point	:	>338°C
Relative density	:	0.8500 to 0.9800 @ 20 deg C
Solubility (ies)	:	Dispersible in oils. Insoluble in water.
Refractive index	:	1.4500 to 1.4800 @ 20 deg C

10. STABILITY AND REACTIVITY

Chemical stability

Stable.

Conditions to avoid

Temperatures > 200 °C; will cause polymerization, decomposition.

Incompatible materials

Oxidizing agents.

Hazardous decomposition products

Acrolein @ > 280 °C

11. TOXICOLOGICAL INFORMATION

Acute toxicity

No data is currently available.

Skin contact

Adverse skin effects should be prevented by normal care and personal hygiene

Eye contact

May irritate eyes.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Not determined.

Persistence and degradability

Product is expected to be biodegradable.

Bio - accumulative potential

Not determined.

Mobility in soil

Not determined.

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

DSL / NDSL

Not listed.

TSCA

This material is manufactured for use as an additive in personal care products and is regulated under the FOOD, DRUG, and COSMETICS ACT (FDA) and is therefore exempt from TSCA inventory listing requirements.

California Proposition 65

This product does not contain any Proposition 65 chemicals.

GHS Hazard Statements

Not available.

GHS Precautionary Statements

Not available

16. OTHER INFORMATION

Revision date : April 22,2022

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, Canada.