

**SAFETY DATA SHEET (SDS)**

Version 2.0

Revision Date : April 22, 2022

Print Date : April 29, 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**

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### **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**

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### **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**

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### **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**

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### **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

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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

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### 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

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### 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

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### 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

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

## 14. TRANSPORT INFORMATION

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### US DOT Shipping Description (Land)

Not regulated.

### IMO-IMDG Shipping Description (Sea)

Not regulated.

**IATA Shipping Description (Air)**

Not regulated.

## 15. REGULATORY INFORMATION

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**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

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**Disclaimer & Caution**

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