

MSDS SHEET

1. Identification of Substance/Preparation & Company

PRODUCT NAME: Sea Buckthorn Oil CO2 extracted

Botanical Name/INCI: Hippophae rhamnoides L.

PRODUCT USE: Cosmetic/Industrial/

Origin: China

SUPPLIER: Botanic Planet Canada Inc. 2 Bram Ct, Unit # 3-4 Brampton Ontario L6W 3R6 Canada

CAS Number: 8007-01-0/90106-38-0

Phone / Fax: 905-455-4444 / 905-455-8841

Emergency Tel No: (613)-996-6666 CANUTEC 24 HOUR EMERGENCY

2. Hazards Identification

GHS Classification

This material is not classified as Dangerous according to the health and physical properties criteria of the EU

Directives on the classification of substances and preparation.

GHS Label elements, including precautionary statements

Signal: Not applicable

Hazard statement(s)

Not applicable.

Precautionary statement(s)

Not applicable.

3. Composition / Information on Ingredients

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

4. First-Aid Measures

INHALATION: Remove from exposure site to fresh air. Keep at rest. Obtain medical attention.

EYE CONTACT: Rinse immediately with plenty of water for at least 15 minutes. Contact a doctor if symptoms persist.

SKIN CONTACT: Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.

INGESTION: Rinse out mouth with water. Seek medical advice immediately.

OTHER: When assessing action take Risk & Safety Phrases into account (Section 15).

5. Fire Fighting Measures

EXTINGUISHING MEDIA: Use CO², Dry Powder or Foam type Extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.

SPECIAL MEASURES: Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.

EXTINGUISHING PROCEDURES: Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

6. Accidental Release Measures

PERSONAL PRECAUTIONS: Avoid inhalation & direct contact with skin & eyes. Use individual protective equipment (Safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages.

ENVIRONMENT PRECAUTIONS: Keep away from drains, soils, surface & ground waters. CLEAN UP METHODS Remove all potential ignition sources. Contain spilled material. Cover with an inert or FOR

SPILLAGES: non-combustible inorganic absorbent material, sweep up and remove to an approved disposal container. Observe municipal, federal and local disposal regulations.

7. Handling & Storage

PRECAUTIONS IN HANDLING: Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene. Do not eat, drink or smoke whilst handling.

STORAGE CONDITIONS: Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum.

FIRE PROTECTION: Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

8. Exposure Controls/Personal Protection

RESPIRATORY PROTECTION: Avoid breathing product vapour. Apply local ventilation where possible.

VENTILATION: Ensure good ventilation of working area.

HAND PROTECTION: Avoid all skin contact. Use chemically resistant gloves if required.

EYE PROTECTION: Use safety glasses.

WORK / HYGIENE PRACTICES: Wash hands with soap & water after handling.

9. Physical & Chemical Properties

Appearance: Red, orange yellow 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: Dispersible in oils. Insoluble in water.

Refractive index: 1.4500 to 1.4800 @ 20 deg C

10. Stability & Reactivity

REACTIVITY: It presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidizing agents.

DECOMPOSITION: Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide and other non-identified organic compounds may be formed.

11. Toxicological Information

May be irritation to skin.

12. Ecological Information

BIODEGRADABILITY: Data not available

PRECAUTIONS: Prevent surface contamination of soil, ground & surface water.

13. Disposal Considerations

Avoid disposing to drainage systems and into the environment. Seek expert advice.

14. Transport Regulations

ROAD (ADR/RID): n/a

AIR (IATA/ICAO): n/a

SEA (IMDG): n/a

CHIP: See section 15

15. Regulatory Information According to Directive 88/379/EEC

HAZARDS: n/a

SYMBOLS: n/a

RISK PHRASES: n/a

SAFETY PHRASES: n/a

16. Other Information

Shelf life of this product depends very much on storage conditions, particularly moisture, temperature, exposure to light and air.

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CERTIFICATE OF ANALYSIS

Product Name: Seabuckthorn Berry Oil C02 Extraction

INCI Name: Hippophae rhamnoides L.

Lot No: BPCSBTO012023

Best Before: January 2027

Origin: China

Properties	Specifications	Results
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Appearance: Reddish-orange yellow to dark brown clear liquid. Complies

Odor: Characteristic neutral odor. Complies

Solubility: Soluble in fatty oils and fats, organic solvents. Insoluble in water Complies

Specific Gravity: 0.8500 - 0.9800 @ 25°C 0.9100

Refractive Index: 1.4500 - 1.4800 @ 20°C 1.453

Acid Value: ≤ 40.0 mgKOH/g 13.1

Iodine Value: 30 - 100 g/100g 68.6

Saponification Value: 130 - 200 mgKOH/g 185

Unsaponifiable: ≥ 1 % 3.15

Peroxide Value: ≤ 0.4 % 0.15

Vitamin E: ≥ 100 mg/100g 165

Total Carotenoids: ≥ 150 mg/100g 196

α-tocopherol: ≥ 60 mg/100g 108

β-carotene: ≥ 5 mg/100g 6.97

Linoleic Acid, C18:2: 2.0 - 8.0 % 4.3

For longer shelf life keep it away from direct light, heat and moisture

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