

Safety Data Sheet

1. PRODUCT & COMPANY INFORMATION

❖ Product name	Castor Seed Oil Virgin Organic
❖ INCI name	Ricinus Communis Seed Oil
❖ Country of Origin	INDIA
❖ Product use	Food/Cosmetic
❖ Supplier	BOTANIC PLANET CANADA INC.
❖ Address	2 Bram Crt Unit # 3 & 4 Brampton Ontario
❖ Telephone number	905.455.4444
❖ Emergency phone number	(613)-996-6666 CANUTEC 24 HOUR EMERGENCY

2. HAZARDS IDENTIFICATION

Emergency Overview

WHMIS Classification

Not applicable.

GHS Classification

Not classified.

GHS Label elements, including precautionary statements

Signal: Warning

Hazard statement(s)

Not applicable.

Precautionary statement(s)

Not applicable.

Other Info

Hazard Otherwise Not Classified: May cause mild skin irritation.

3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
Ricinus Communis Seed Oil	8001-79-4	-	100 %

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.

5. FIRE FIGHTING MEASURES

❖ Suitable extinguishing media	Foam. Dry Powder. Carbon dioxide.
❖ Special protective equipment and precautions for fire-fighters	Wear proper protective equipment. Exercise caution when fighting any chemical fire. Use water spray or fog
❖ 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 dioxide

6. ACCIDENTAL RELEASE MEASURES

❖ Personal precautions, protective equipment and procedures:	Ensure adequate ventilation. Use chemical safety goggles for eye/face protection.
❖ Environmental Precautions:	Non-hazardous, but avoid direct releases to the environment.
❖ Containment Equipment and Procedures:	Non-hazardous, but avoid direct releases to the environment.
❖ Clean-up Procedures:	Pick up with absorbent material and collect for disposal.

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.
❖ Respiratory	In case of insufficient ventilation, wear suitable respiratory equipment or move in open air.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colorless to Pale Yellow Liquid.

Odor: Characteristic faint odor.

Flash point: > 254 °C.

Relative density: 0.957 - 0.961 @ 20°C.

Solubility: Soluble in oil. Insoluble in water.

10. STABILITY AND REACTIVITY

❖ Reactivity	This material presents no significant reactivity hazard.
❖ Chemical stability	The oil is stable under normal storage conditions. After opening, the oil is prone to air oxidation and may start to deteriorate after six months.
❖ 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	Not available.
❖ Carcinogenicity	None of the components of this material are listed as a carcinogen.
❖ Inhalation	Inhalation of high concentrations of vapour may result in irritation of eyes, nose and throat, headache, nausea, & dizziness.
❖ Skin contact	Non toxic
❖ Eye contact	Not available.
❖ Single exposure	People allergic to the flower family may experience irritation.

12. ECOLOGICAL INFORMATION

❖ Eco toxicity	Toxic to aquatic organisms, may cause long-term adverse effects environment. Avoid any pollution of ground, surface or underground water
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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

❖ None

16. OTHER INFORMATION

Date Created May 20 th , 2021
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COA

Product : **Castor Organic Carrier Oil - Extra Virgin**
Lot No : **51027A11221**
Best Before : **September, 2023**

Properties	Specifications	Results
Appearance	: Clear almost colorless liquid.	Complies
Odor	: Neutral and bit fatty odor.	Complies
Hydroxyl Value	: 160 - 168	164.71
Iodine Value	: 82 - 90	85
Moisture (K.F)	: ≤ 0.2 %	0.10
Free Fatty Acids	: ≤ 0.4 % (as oleic acid)	0.28
Specific Gravity	: 0.957 - 0.961 @ 30°C	0.9597
Refractive Index	: 1.470 - 1.475 @ 40°C	Complies
Saponification Value	: 176 - 185	180.27
Unsaponifiable Matter	: ≤ 0.8 %	0.36
Acid Value	: ≤ 0.8	0.56

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