

## MSDS SHEET

### 1. Identification of Substance/Preparation & Company

**PRODUCT NAME:** Castor Seed Oil Organic  
**Botanical Name/INCI** Ricinus Communis Seed Oil  
**PRODUCT USE:** Cosmetic/Industrial  
**Origin:** India  
**SUPPLIER:** Botanic Planet Canada Inc. 2 Bram Ct, Unit # 3-4 Brampton Ontario L6W 3R6 Canada  
**CAS Number:** 1318-02-1  
**Phone / Fax:** 905-455-4444 / 905-455-8841  
**Product Form:** Powder  
**Emergency Tel No:** (613)-996-6666 CANUTEC 24 HOUR EMERGENCY

### 2. Hazards Identification

**Physical and Chemical Hazards** Not classified.  
**Human health** Not classified.  
**Environment** Not classified.  
**Classification (67/548/EEC)** Not classified.

### 3. Composition / Information on Ingredients

Chemical name	CAS No	Weight
Ricinus Communis Seed Oil	8001-79-4	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 CO<sup>2</sup>, 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:** 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 & 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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**Email: [info@botanicplanet.ca](mailto:info@botanicplanet.ca) [www.botanicplanet.ca](http://www.botanicplanet.ca)**

## Certificate of Analysis

**Name:** Castor Seed Oil Organic  
**INCI:** Ricinus Communis Seed Oil  
**Country of Origin:** India  
**Lot No:** BPCCSOO012023  
**Expiry:** November 2026

<b>Properties</b>	<b>Specifications</b>	<b>Results</b>
<b>Appearance:</b>	Almost Colorless to Yellow Clear Liquid	Complies
<b>Odor:</b>	Neutral and bit fatty odor.	Complies
<b>Hydroxyl Value:</b>	158 -165	162
<b>Iodine Value:</b>	82 - 90	84
<b>Moisture (K.F):</b>	0.25% Max.	0.19%
<b>Specific Gravity:</b>	0.950 - 0.970 @ 30°C	0.959 @ 30°C
<b>Saponification Value:</b>	177 - 185	182
<b>Unsaponifiable Matter:</b>	1% Max.	0.28%
<b>Acid Value:</b>	0.8 Max.	0.56

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