



Plant's Power Inc
3-2700 St.Clair Ave west
Toronto, Ontario, M6N 1M2
Contact: 1-416-766-1254

Material Safety Data Sheet Castor Oil-USP

Section 1: Chemical Product and Company Identification

Product Name: Castor oil-USP
Botanical name: Ricinus communis
INCI name: Ricinus communis Seed Oil
CAS No.: 8001-79-4

Contact information:

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Section 2: Composition and Information on Ingredients

Ingredients: Ricinus communis Seed Oil
CAS No.: 8001-79-4
% by Weight: 100
Description: Ricinus Communis Seed Oil is the fixed oil obtained from the seeds of Castor, Ricinus communis, Euphorbiaceae
Hazardous Components: None

Section 3: Hazards Identification

Potential Acute Health Effects: No known ingredient of this product is classified hazardous.

Potential Chronic Health Effects

Carcinogenic Effects: Not available.
Mutagenic Effects: Not available.
Teratogenic Effects: Not available.
Developmental Toxicity: Not available.

Repeated or prolonged exposure is not known to aggravate medical condition.

Section 4: First Aid Measures

Eye Contact:	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.
Skin Contact:	Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.
Serious Skin Contact:	Not available.
Inhalation:	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Serious Inhalation:	Not available.
Ingestion:	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.
Serious Ingestion:	Not available.

Section 5: Fire and Explosion Data

Flammability of the Product:	May be combustible at high temperature.
Flash Points:	229°C (closed cup)
Flammable Limits:	Not available.
Products of Combustion:	Not available.
Fire Hazards in Presence of Various Substances:	Slightly flammable to flammable in presence of open flames and sparks, of heat. Non-flammable in presence of shocks.
Explosion Hazards in Presence of Various Substances:	
Risks of explosion of the product in presence of mechanical impact:	Not available.
Risks of explosion of the product in presence of static discharge:	Not available.
Fire Fighting Media and Instructions:	SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.
Special Remarks on Fire Hazards:	Not available.
Special Remarks on Explosion Hazards:	Not available.

Section 6: Accidental Release Measures

- Small Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal.
- Large Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

Section 7: Handling and Storage

- Precautions: Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe gas/fumes/ vapor/spray.
- Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area. Do not store above 24°C (75.2°F). Prevent from freezing.

Section 8: Exposure Controls/Personal Protection

- Engineering Controls: Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.
- Personal Protection: Safety glasses. Lab coat.
- Personal Protection in Case of a Large Spill: Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.
- Exposure Limits: Not available.

Section 9: Physical and Chemical Properties

- Physical state and appearance: Pale yellow to golden yellow viscous liquid
- Odor: Characteristic faint odor
- Molecular Weight: Not available.
- Flash Point: 229°C (closed cup)
- Relative density: 0.952 – 0965 @ 30°C
- Melting Point: Not available.
- Critical Temperature: Not available.

Section 10: Stability and Reactivity Data

Stability:	The product is stable.
Instability Temperature:	Not available.
Conditions of Instability:	Excess heat, incompatible materials
Incompatibility with various substances:	Not available.
Corrosivity:	Non-corrosive in presence of glass.
Special Remarks on Reactivity:	Has excellent keeping qualities. Does not turn rancid unless subjected to excessive heat. Should be protected from freezing.
Special Remarks on Corrosivity:	Not available.
Polymerization:	Will not occur.

Section 11: Toxicological Information

Routes of Entry:	Absorbed through skin. Eye contact.
Toxicity to Animals:	LD50: Not available. LC50: Not available.
Chronic Effects on Humans:	Not available.
Other Toxic Effects on Humans:	Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.
Special Remarks on Toxicity to Animals:	Not available.
Special Remarks on Chronic Effects on Humans:	Not available.
Special Remarks on other Toxic Effects on Humans:	Not available.
Acute Potential Health Effects:	Skin: May cause skin irritation. Eyes: May cause eye irritation. Ingestion: May cause digestive tract irritation. It is considered a purgative and stimulates smooth muscle of the digestive tract. Inhalation: Mist may cause respiratory tract irritation.

Section 12: Ecological Information

Ecotoxicity:	Not available.
BOD5 and COD:	Not available.
Products of Biodegradation:	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation:	Not available.

Special Remarks on the
Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information

DOT Classification: Not a DOT controlled material (United States).

Identification: Not applicable.

Special Provisions for Transport: Not applicable.

Section 15: Other Regulatory Information

GHS Hazard Statements: Not available

GHS Precautionary Statements: Not available

Section 16: Other Information

Disclaimer:

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