



24 Madison Road, Fairfield, New Jersey 07004, USA
Tel: 800-771-JEEN (5336), Tel: 973-439-1401, Fax: 973-439-1402,
email: info@jeen.com , Website: www.jeen.com

MATERIAL SAFETY DATA SHEET

SECTION I - MATERIAL AND MANUFACTURER IDENTIFICATION

Manufacturer's Name: JEEN International Corp. Chemtrec Emergency Tel. # 800-424-9300
24 Madison Road *Chemtrec International Emergency Tel.# 703-527-3887
Fairfield, NJ 07004 *Collect Calls Accepted
Telephone No.: (973) 439-1401

PRODUCT: **CASTOR OIL PP** **Revision Date: 10/10/04**

SECTION 1 – PRODUCT INFORMATION

Synonyms: Not Applicable
Chemical Name: Castor Oil
Chemical Family: Not Applicable
Molecular Wt.: Not Applicable

SECTION 2 –COMPOSITION AND INFORMATION ON INGREDIENTS

NAME: Castor Oil
CAS# 8001-79-4
% BY WEIGHT: 100
TOXICOLOGICAL DATA ON INGREDIENTS: Not applicable.

SECTION 3 – HAZARDS IDENTIFICATION

Potential Acute Health Effects: Slightly hazardous in case of skin contact (irritant, sensitizer), of eye contact (irritant), of ingestion, of inhalation.
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 conditions

SECTION 4- FIRST AID MEASURES

Eye Contact: Check for and remove any contact lenses. Immediately flush eyes with running 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 Ingestion: 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.



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SECTION 5- FIRE AND EXPLOSION DATA

Flammability of the Product: May be combustible at high temperature.
Auto-Ignition Temperature: 449 deg. C (840.2 deg. F).
Flash Point: Open cup: 230 deg. C (446 deg. F)
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.
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 deg. C (75.2 deg. 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 safty 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. Dust respirator. Boots. Gloves. suggested protective clothing might not be sufficient; consult a specialist before handling this product.
Exposure Limits: Not available.



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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State and Appearance:	Liquid
Odor:	Slight
Taste:	Acrid. Nauseating. (Slight)
Color:	Not available.
Molecular Weight:	Not available
pH (1% soln.water):	Not available
Boiling Point:	313 deg. C (595.4 deg. F)
Melting Point:	Not available
Critical Temperature:	Not available
Specific Gravity:	0.962 @ 15 C (water =1)
Vapor Pressure:	Not available
Vapor Density:	Not available
Volatility:	Not available
Odor Threshold:	Not available
Water/Oil Dist. Coeff.:	Not available
Ionicity (in water):	Not available
Dispersion Properties:	See solubility in water
Solubility:	Soluble in methanol, diethyl ether, chloroform, glacial acetic acid, benzene, carbon disulfide. Insoluble in cold water.

SECTION 10- STABILITY AND REACTIVITY DATA

Stability:	The product is stable
Instability Temperature:	Not available
Conditions of Instability:	Excess heat, incompatible material
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.
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
Chronic Effects on Humans:	LC50: Not available
Other Toxic Effects on Humans:	Slightly hazardous in case of skin contact (irritant), of ingestions, 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:	Acute Potential Health Effects:
Skin:	May cause skin irritation
Eye:	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.



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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 available
 Special Provisions for Transport: Not available

SECTION 15- OTHER REGULATORY INFORMATION

Federal and State Regulations:	TSCA 8(b) inventory:	Castor Oil
California Proposition 65 Warning:		
Other Regulations:	EINECS:	This product is on the European Inventory of Existing Commercial Chemical Substances.
Other Classifications:	WHMIS (Canada):	Not controlled under WHMIS (Canada).
	DSCL (EEC):	This product is not classified according to the EU regulations.
HMIS (U.S.A):	Health Hazard	(1)
	Fire Hazard	(1)
	Reactivity	(0)
	Personal Protection	(A)
National Fire Protection Association (U.S.A)	Health	(1)
	Flammability	(0)
	Reactivity	(0)



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SECTION 15- OTHER REGULATORY INFORMATION cont.....

Protective Equipment: Not applicable. Lab coat.
Safety glasses.

SECTION 16- OTHER INFORMATION

Reference: Not available
Other Special Considerations: Not available

Bill of Lading Description:

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