



THE SOURCE FOR DOMESTIC
AND IMPORTED OILS

SAFETY DATA SHEET according to GHS

Product: Castor Oil

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1. Product and Company Identification

Trade Name: Castor Oil #1 / Pale Pressed Castor Oil
Castor Oil USP / Low Moisture Castor Oil
Neutralized Castor Oil

Distributor:
Alnor Oil Company, Inc.
70 E. Sunrise Highway
Suite 418
Valley Stream, NY 11581
Tel: (516) 561-6146
Email: vegoil.source@alnoroil.com

Manufacturers:
Adani Wilmar Ltd
A. Azevedo Oleos Ltd
BioOleo
Gokul Overseas Ltd
Ihsedu Agrochem Ltd
Jayant Agro Organics Ltd

2. Hazards Identification

Castor Oil is not a hazardous material and does not contain any hazardous ingredients.

3. Composition/Information on Ingredients

Composition

Natural vegetable oil rich in triglyceride ester of fatty acids with min 89% 12-hydroxyoleic acid (by GLC)
Remaining 11% is comprised of Linoleic, Oleic, Palmitic, Stearic, Dihydroxystearic, Linolenic, Eicosanoic

acids.

CAS # 8001-79-4

EINECS # 232-293-8

HMIS/NFPA: H-0 F-1 R-0 PP-A

4. First-Aid Measures

In case of ingestion, rinse mouth. Do not induce vomiting unless directed to by medical personnel. In case of skin contact, wash with plenty of water and soap. In case of eye contact, rinse with plenty of water. If irritation persists, get medical attention.

5. Fire Fighting Measures

Extinguishing Media
Unsuitable Extinguishing Media

Foam, carbon dioxide, water, dry chemical powder
No restrictions
In fire carbon monoxide and carbon dioxide may form

Flash Point
Auto Ignition Temperature
Special Protective Equipment

230°C (COC)
449°C
Not required, except regular fire-fighters equipment



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6. Accidental Release Measures

Personal Precautions	None
Environmental Precautions	None
Methods for Clean Up	Absorb spill with sand or earth. Clean with detergent

7. Handling and Storage

Handling	Keep away from sources of ignition
Storage	Keep containers closed and in dry area away from heat & light

8. Exposure Controls/Personal Protection

Engineering measures	No special measures required
Control Parameters	Not available
Personal Protection	Usual, same as for handling chemicals
--respiratory Equipment	None
--Hand Protection	Neoprene gloves
--Eye Protection	Protective glasses
--Skin Protection	None

9. Physical and Chemical Properties

Appearance	Yellowish viscous liquid
Odor	Characteristic, like vegetable oil
PH	Neutral
Boiling Point	Above 300°C
Melting Point	Not applicable
Flash Point	Above 230°C (COC)
Flammability (solid, gas)	None
Auto flammability	None
Explosive Properties	None
Oxidizing Properties	None
Vapor Pressure	Not applicable
Relative Density	About 0.95 @ 25°C
Solubility – Water solubility	Insoluble
- Fat solubility	
(solvent oil to be specified)	Soluble in ethanol at room temperature
Partition coefficient	
n-octanol/water	Not available
Other Data	Viscosity @ 25°C ~ 600-800 CST



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10. Stability and Reactivity

Conditions to avoid	Keep away from oxidizing materials
Materials to avoid	Oxidizing materials & sources of ignition
Hazardous decomposition products	None if handled & stored according to prescription

11. Toxicological Information

Expected LD50 oral-rate > 5000 mg/kg based on data taken from similar product

12. Ecological Information

Mobility	Not determined
Degradability	Readily biodegradable
Accumulation	Minimum biodegradability is 60% BSB30/CSB Resp. 70% DOC
Short & long term effects on eco toxicity	Acute fish toxicity LCO > 100 mg/L Bacteria toxicity ECO > 100 mg/L

13. Disposal Considerations

Can be landfilled in accordance with municipal, provincial and federal regulations

14. Transport Information

Not regulated

15. Regulatory Information

According to EEC Council Directive, Castor oil is not a dangerous substance, but suitable precautions for handling chemicals should be taken. EINECS#: 232-293-8 TSCA: Is not regulated. No special handling or labels are required.

16. Other Information



The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any representation or warranty, expressed or implied, regarding its accuracy or corrections.

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