

SAFETY DATA SHEET

CASTOR OIL USP

1. PRODUCT INFORMATION AND COMPANY IDENTIFICATION

Product Name: CASTOR OIL USP

Company: Natural Bulk Supplies, 318 Half Day Rd, # 348,
Buffalo Grove, IL 60089 Phone: 847-489-7180

Emergency Contact: Infotrac: 800-535-5053(North America) +1-352-323-3500 (International)

2. HAZARD IDENTIFICATION

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

INCI NAME	EINECS	HMIS/NFPA	CAS NO.	CONCENTRATION (%)
Castor Oil	232-293-8	H-0 F-1 R-0 PP-A	8001-79-4	100% Castor Oil with a fatty acid composition that includes a min 89% 12-hydroxyoleic acid (by GLC). The remaining 11% is comprised of Linoleic, Oleic, Palmitic, Stearic, Dihydroxystearic, Linolenic and Eicosanoic acids.

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

Foam, carbon dioxide, water, dry chemical powder

Unsuitable Extinguishing Media

No restrictions

In fire carbon monoxide and carbon dioxide may form

Flash Point
230°C (COC)

Auto Ignition Temperature
449°C

Special Protective Equipment
Not required, except regular fire-fighters equipment

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 & 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	0.957-0.961 @ 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

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. Castor oil is listed in both TSCA and DSL. CAS# 8001-79-4

EINECS#: 232-293-8 TSCA: It is also listed on the following inventories: Australia - China – Japan – Korea – New Zealand Castor oil is not regulated. No special handling or labels are required.

16. OTHER INFORMATION

Date of Revision:

OCTOBER 2021

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