

## SECTION 1: Identification

### 1.1. Identification

Product Name Castor oil, USP

### 1.2. Recommended use and restrictions on use

Recommended Use No data available

### 1.3. Supplier

Camden-Grey Essential Oils, Inc.  
5751 Halifax Ave., Unit 2  
Fort Myers, FL 33912  
Emergency Tel. No.: Chemtrec 1-800-262-8200 // 1- 703-741-5500

### 1.4. Emergency telephone number

Emergency number: Chemtrec -1.800.424.9300/ 1.703.527.3887 CCN 797608

## SECTION 2: Hazard(s) identification

Castor Oil is not a hazardous material nor does it contain any hazardous ingredients.

## SECTION 3: Composition/information on ingredients

### 3.1. Composition

Composition Triglyceride ester of Fatty acids  
Min 82% is 12-Hydroxy oleic acid by GLC

Cas No. 8001-79-4	Chemical name Triglyceride	Concentration Natural Glycerol Ester (Triglyceride)	R-phrases: - S-phrases: -
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## SECTION 4: First-aid measures

In case of ingestion, rinse the mouth. In case of inhalation remove to fresh air immediately. In case of skin contact wash with plenty of water & soap. In case of eye contact rinse with plenty of water.

## SECTION 5: Fire-fighting measures

Extinguishing Media	Foam, Carbon dioxide, Water, Dry Chemical Powder
Unsuitable Extinguishing Media	No restrictions
Special Protective equipment	In case of fire, carbon monoxide & carbon dioxide can be formed Not required, except regular fire-fighters equipment

## SECTION 6: Accidental release measures

Personal precautions	None
Environmental precautions	None
Methods For Cleaning Up	Soap up spill with sand or earth & detergent

## SECTION 7: Handling and storage

Handling	Keep away from sources of ignition.
Storage	Keep containers close and in dry shaded godown, away from heat & light

## SECTION 8: Exposure controls/personal protection

Engineering measures	No special measures required
Control Parameters	Not Available
Personal Protection	Usual, as taken for handling chemicals.
-- Respiratory Equipment	None
-- Hand Protection	Hand Savers
-- Eye Protection	Protective Glasses
-- Skin Protection	None

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Appearance	Yellowish viscous liquid
Odour	Like vegetable oil
PH	Neutral
Boiling point / Boiling range	Above 300°C
Melting point/ Melting range	Not applicable

# Castor oil, USP

## Safety Data Sheet

Flash point	Above 260°C (COC)
Flammability (solid, gas)	None
Autoflammability	None
Explosive properties	None
Oxidizing properties	None
Vapour Pressure	Not Applicable
Relative Density	About 0.95 at 25°C
Solubility - Water solubility	Insoluble
- Fat solubility	
(solvent oil to be specified)	Soluble in ethanol at room temperatures
Partition coefficient	
n-octanol/water	Not Available
Other data	Viscosity at 25oC About 600 – 800 cst

### 9.2. Other information

None.

## SECTION 10: Stability and reactivity

Conditions to avoid	Keep away from oxidising materials
Materials to avoid	Oxidising materials & sources of ignition
Hazardous decomposition products	None if handled & stored according to prescript

## SECTION 11: Toxicological information

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

## SECTION 12: Ecological information

Mobility	Not Determined
Degradability	Readily biodegradable
Accumulation	Minimum biodegradability is 60% BSB30/CSB resp. 70% DOC
Short & long term effects on	Acute fish toxicity LC50 > 100 mg/L
Ecotoxicity	Bacteria toxicity EC50 > 100 mg/L
Other adverse effects	None

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Can be landfilled together with household refuse, in accordance with the regulations.

## SECTION 14: Transport information

Not classified as hazardous.

## SECTION 15: Regulatory information

Acc. to EEC Council Directive, it is not a dangerous substance, but suitable precautions of handling chemicals should be taken. EINECS#: 232-293-8

## SECTION 16: Other information

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