



Revision date: 03/05/2025

# SAFETY DATA SHEET

## SECTION 1: PRODUCT / SUBSTANCE IDENTIFICATION

PRODUCT NAME	:	Organic Castor Oil
BOTANICAL NAME	:	<i>Ricinus Communis</i>
COUNTRY OF ORIGIN	:	India
CAS NUMBER	:	8001-79-4
SUPPLIER	:	Brooklyn Botany
ADDRESS	:	6569 Pond Apple Rd. Boca Raton, FL 33433
TELEPHONE NUMBER	:	914-940-5947

## SECTION 2: HAZARD IDENTIFICATION

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

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

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.

CAS # 8001-79-4

EINECS # 232-293-8

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



## SECTION 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.

## SECTION 5: FIRE FIGHTING MEASURES

### 5.1 SUITABLE EXTINGUISHING MEDIA

Dry chemical, Carbon Dioxide, Fog, Foam.

### 5.2 UNSUITABLE EXTINGUISHING MEDIA

No restrictions.

### 5.3 FIRE HAZARD

No fire hazard.

### 5.4 EXPLOSION HAZARD

No direct explosion hazard.

### 5.5 HAZARDOUS DECOMPOSITION PRODUCTS IN CASE OF FIRE

Carbon dioxide. Carbon monoxide.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES

None.

### 6.2 ENVIRONMENTAL PRECAUTIONS



None.

### 6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Absorb spill with sand or earth. Clean with detergent.

## SECTION 7: HANDLING AND STORAGE

### 7.1 PRECAUTIONS FOR SAFE HANDLING

Keep away from sources of ignition.

### 7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Keep containers closed & in dry area away from heat & light.

## SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

### 8.1 CONTROL PARAMETERS

Not available.

### 8.1 ENGINEERING MEASURES

No special measures required.

### 8.2 EXPOSURE CONTROLS

#### PERSONAL PROTECTION EQUIPMENT

Usual, same as for handling chemicals.

#### RESPIRATORY

None.

#### SKIN PROTECTION

None.



### EYE/FACE PROTECTION

Protective glasses.

### HAND PROTECTION

Neoprene gloves.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE</b>	:	Yellowish viscous liquid.
<b>ODOR</b>	:	Characteristic, like vegetable oil.
<b>PH</b>	:	Neutral.
<b>FLASH POINT</b>	:	> 230 °C
<b>BOILING POINT</b>	:	> 300 °C
<b>OTHER DATA</b>	:	Viscosity @ 25°C ~ 600-800 CST

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 CONDITIONS TO AVOID

Keep away from oxidizing materials.

### 10.2 INCOMPATIBLE MATERIALS

Oxidizing materials & sources of ignition.

### 10.3 DECOMPOSITION

None if handled & stored according to prescription.

## SECTION 11: TOXILIGICAL INFORMATION



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

## SECTION 12: ECOLOGICAL INFORMATION

**12.1 ACUTE AQUATIC TOXICITY:** LCO > 100 mg/L

**12.2 BACTERIA TOXITY:** ECO > 100 mg/L

**12.3 PERSISTENCE AND DEGRADABILITY:** Readily biodegradable.

**12.4 MOBILITY IN SOIL:** Not determined.

**12.5 ACCUMULATION:** Minimum biodegradability is 60% BSB30/CSB Resp. 70% DOC

## SECTION 13: DISPOSAL CONSIDERATION

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

## SECTION 14: TRANSPORT INFORMATION

Not Regulated.

## SECTION 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.

## SECTION 16: DISCLAIMER AND CAUTION



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