



Castor Oil

Safety Data Sheet

SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking

- 1.1 Product Name:** Castor Oil
Product Code: 300-182X
- 1.2 Intended Use:** Compound used in customer substance/mixture/product.
- 1.3 Supplier:** Majestic Mountain Sage Inc
2490 S 1350 W
Nibley, 84321 - United States of America
T 435.755.0863 - F 435.755.2108
www.TheSage.com
- 1.4 Emergency Telephone Number**
No additional information available

SECTION 2: Hazards Identification

2.1 Classification of the Substance or Mixture

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

2.2 Label Elements

Safety Data Ratings:

Health Rating:	1-Slight
Flammability Rating:	1-Slight
Reactivity Rating:	0-None
Contact Rating:	1-Slight
Lab Protective Equipment:	Goggles; lab coat.
Storage Color Code:	Orange (General Storage)

Potential Health Effects:

Inhalation: No adverse health effects expected from inhalation.

Ingestion: No adverse effects expected. Large oral doses may cause spasmodic intestinal or abdominal pain.

Skin Contact: Not expected to be a health hazard from skin exposure. May cause mild irritation and redness.

Eye Contact: No adverse effects expected. May cause mild irritation, possible reddening.

Chronic Exposure: No information found.

Aggravation of Pre-Existing Conditions: No information found.

2.3 Other Hazards

No data available

SECTION 3: Composition/Information on Ingredients

3.1 Substances

Chemical Name	CAS No.	EINECS No.	Weight %
Castor Oil (<i>Ricinus Communis</i>)	8001-79-4	232-293-8	100

SECTION 4: First Aid Measures

4.1 Description of First Aid Measures

Inhalation: Not expected to require first aid measures.

Ingestion: If large amounts were swallowed, rinse mouth and drink plenty of water. Do not induce vomiting unless directed to by a medical professional. Get medical advice.

Skin Contact: Not expected to require first aid measures. Wash with plenty of water and soap after use.

Eye Contact: Not expected to require first aid measures. Wash thoroughly with running water. Get medical advice if irritation develops.

4.2 Most Important Symptoms/Effects, Acute and Delayed

No information available.

4.3 Indication of Immediate Medical Attention and Special Treatment Needed

No information available.

SECTION 5: Firefighting Measures

5.1 Extinguishing Media

Suitable: Foam, carbon dioxide, water, dry chemical powder.

Unsuitable: No restrictions. During fire, carbon monoxide and carbon dioxide may form.

5.2 Special Hazards Arising from the Substance or Mixture

During fire, carbon monoxide and carbon dioxide may form.

5.3 Advice for Firefighters

Use protective clothing and breathing equipment appropriate for the surrounding fire.

5.4 Other Information

Flash Point: 229°C (444°F)

Autoignition Temperature: 449°C (840°F)

Explosion Data: Not considered to be an explosion hazard.

SECTION 6: Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Wear appropriate personal protective equipment as specified in Section 8.

6.2 Environmental Precautions

No information available.

6.3 Methods and Materials for Containment and Cleaning Up

Ventilate area of leak or spill. Contain and recover liquid when possible. Collect liquid in an appropriate container or absorb with an inert material (e.g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as saw dust. Small amounts of residue may be flushed to sewer with plenty of water.

SECTION 7: Handling and Storage

7.1 Precautions for Safe Handling

Keep away from sources of ignition. Wear proper protective equipment.

7.2 Conditions for Safe Storage, Including Any Incompatibilities

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against damage. Protect from excessive heat. Protect from freezing.

SECTION 8: Exposure Controls/Personal Protection

8.1 Control Parameters

Not available

8.2 Exposure Controls

Engineering Controls: No special measure required.

Airborne Exposure Limits: Airborne exposure is not expected to be a problem under ordinary handling conditions.

Personal Protective Equipment

Eye/Face Protection: Wear safety glasses with side shields (or goggles). Maintain eye wash fountain and quick-drench facilities in work area.

Skin and Body Protection: Wear protective gloves and clean body-covering clothing.

Respiratory Protection: In general, dilution, ventilation is a satisfactory health hazard control for this substance. However, if conditions of use create discomfort to the worker, a local exhaust system should be considered.

SECTION 9: Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Appearance:	Viscous liquid
Color:	Light yellow
Odor:	Characteristic, like vegetable oil
pH:	No data available
Melting Point:	-10°C (14°F)
Boiling Point/Boiling Range:	313°C (595°F)
Flashpoint:	>230°C
Evaporation Rate:	No data available
Flammability (Solid, Gas):	None
Flammability Limit in Air:	No data available
Vapor Pressure:	Not applicable
Vapor Density:	Not applicable
Specific Gravity:	0.958-0.969 @ 15/15.5°C
Relative Density:	About 0.95 @ 25°C
Solubility - Water/Fat: (Solvent to Be Specified):	Insoluble Soluble in ethanol at room temperature
Partition coefficient (LogPow):	No data available
Auto-ignition Temperature:	No data available
Decomposition Temperature:	No data available
Explosive Properties:	No data available
Oxidizing Properties:	No data available

SECTION 10: Stability and Reactivity

10.1 Reactivity

Stable under ordinary conditions of use and storage.

10.2 Chemical Stability

Stable under ordinary conditions of use and storage.

10.3 Possibility of Hazardous Reactions

No data available

10.4 Conditions to Avoid

Avoid excessive cold, heat and sources of ignition.

10.5 Incompatible Materials

Oxidizing materials and sources of ignition.

10.6 Hazardous Decomposition Products

Carbon dioxide and carbon monoxide may form when heated to decomposition.

10.7 Hazardous Polymerization

Will not occur

SECTION 11: Toxicological Information
--

11.1 Information on Toxicological Effects

Acute Toxicity: No data available

Skin Corrosion/Irritation: No data available

Serious Eye Damage/Irritation: No data available

Sensitization: No data available

Germ Cell Mutagenicity: No data available

Carcinogenicity:

NTP Carcinogen

Ingredient	Known	Anticipated	IARC Category
Castor Oil 8001-79-4	No	No	None

Reproductive Toxicity: No data available

Specific Target Organ Systemic Toxicity (Single Exposure): No information available.

Specific Target Organ Systemic Toxicity (Repeated Exposure): No information available.

Aspiration Hazard: No information available.

SECTION 12: Ecological Information

12.1 Toxicity

Acute fish toxicity LCO > 100 mh/L
Bacteria toxicity ECO > 100 mg/L

12.2 Persistence and Degradability

Readily biodegradable.

12.3 Bioaccumulative Potential

Minimum biodegradability is 60% BSB30/CSB Resp. 70% DOC.

12.4 Mobility in Soil

No information available.

12.5 Results of PBT and vPvB Assessment

No information available.

12.6 Other Adverse Effects

No information available.

SECTION 13: Disposal Considerations

13.1 Waste Treatment Methods

Whatever cannot be save for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

SECTION 14: Transport Information

Not regulated

SECTION 15: Regulatory Information

15.1 Chemical Inventory Status

Ingredient	TSCA	EC	Japan	Australia
Castor Oil (8001-79-4)	Yes	Yes	No	Yes

Ingredient	Korea	DSL	NDSL	Phillippines
Castor Oil (8001-79-4)	Yes	Yes	No	Yes

15.2 Federal, State and International Regulations

SARA 302 and SARA 313

Ingredient	RQ	TPQ	List	Chemical Category
Castor Oil (8001-79-4)	No	No	No	No

RCRA and TSCA-the CPR

Ingredient	CERCLA	261.33	8(d)
Castor Oil (8001-79-4)	No	No	No

Chemical Weapons Convention:	No
TSCA 12(b):	No
CDTA:	No
SARA 311/312:	
Acute:	No
Chronic:	No
Fire:	No
Pressure:	No
Reactivity:	No (Pure/Liquid)
Australian Hazchem Code:	None allocated.
Poison Schedule:	None allocated.
WHMIS:	This SDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by the CPR.

15.3 Other 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.

SECTION 16: Other Information

16.1 NFPA Ratings

Health:	0
Flammability:	1
Reactivity:	0
Label Hazard Warning:	As part of good industrial and personal hygiene and safety procedure, avoid all unnecessary exposure to the chemical substance and ensure prompt removal from skin, eyes and clothing.
Label Precautions:	None.
Label First Aid:	Not applicable.

Notes:

This safety data sheet is based on the properties of the material known at the time the data sheet was issued. The safety data sheet is intended to provide information for a health and safety assessment of the material and the circumstances, under which it is packaged, stored or applied in the workplace. For such a safety assessment holds no responsibility. This document is not intended for quality assurance purposes.