

Castor Oil, USP

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /
March 26, 2012 / Rules and Regulation

Revision Date: 01-May-2024
Supersedes: 13-Jul-2021

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Castor Oil, USP	Distributor:	MakingCosmetics Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Ricinus Communis (Castor) Oil	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	8001-79-4	Web:	www.makingcosmetics.com
Formula:	No data available		
Product Form:	Liquid		
Product Use:	Cosmetic use	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Classification:	Not classified.												
GHS Labeling:	Not a dangerous substance according to GHS.												
GHS Hazard Pictograms:	None.												
GHS Hazard Statements:	None.												
GHS Precautionary Statements:	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.												
Safety Data Ratings:	HEALTH RATING: 1 (Slight) FLAMMABILITY RATING: 1 (Slight) REACTIVITY RATING: 0 (None) CONTACT RATING: 1 (Slight) LAB PROTECTIVE EQUIP: Goggles; lab coat. STORAGE COLOR CODE: Orange (General Storage)												
Potential Health Hazards:	Eyes: May cause irritation and reddening. Inhalation: Not expected to be an irritant. Skin: May cause irritation and redness. Ingestion: Large oral doses may cause spasmodic intestinal or abdominal pain.												
NFPA Ratings (704):	<table border="0"> <tr> <td style="background-color: #0070C0; color: white;">Health</td> <td style="text-align: center;">0</td> <td style="text-align: center;">Minimal</td> </tr> <tr> <td style="background-color: #FF0000; color: white;">Flammability</td> <td style="text-align: center;">1</td> <td style="text-align: center;">Slight</td> </tr> <tr> <td style="background-color: #FFFF00; color: black;">Reactivity</td> <td style="text-align: center;">0</td> <td style="text-align: center;">Minimal</td> </tr> <tr> <td>Specific Hazard</td> <td colspan="2" style="text-align: center;">N/A</td> </tr> </table>	Health	0	Minimal	Flammability	1	Slight	Reactivity	0	Minimal	Specific Hazard	N/A	
Health	0	Minimal											
Flammability	1	Slight											
Reactivity	0	Minimal											
Specific Hazard	N/A												

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Ricinus Communis (Castor) Oil	8001-79-4	100%	Not Available

4 FIRST AID MEASURES

Eyes:	Not expected to require first aid measures. Wash thoroughly with running water. Seek medical advice if irritation develops.
Inhalation:	Not expected to require first aid measures. Seek medical attention if necessary.
Skin:	Not expected to require first aid measures. Wash exposed area with soap and water. Seek medical advice if irritation develops.
Ingestion:	If large amounts were swallowed, give water to drink. Do Not Induce Vomiting. Never give anything by mouth to an unconscious person. Seek medical attention.

5 FIRE-FIGHTING MEASURES

<p>Suitable (and unsuitable) extinguishing media:</p> <p>Special protective equipment & precautions for firefighters:</p> <p>Flash Points:</p> <p>Specific hazards arising from the chemical:</p>	<p>May be combustible at high temperature. Use any appropriate media for surrounding fire. Water or foam may cause frothing.</p> <p>Wear self-contained breathing apparatus and full protective clothing, including eye protection and boots.</p> <p>444°F (229°C) CC</p> <p>Not considered to be an explosion or fire hazard. See also Stability and reactivity section.</p>
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6 ACCIDENTAL RELEASE MEASURES

<p>Personal precautions, protective equipment & emergency procedures:</p> <p>Environmental precautions:</p> <p>Methods and material for containment and cleaning up:</p>	<p>Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.</p> <p>Avoid liquid release into sewers/public water/environment. Notify environmental authorities in case of leak.</p> <p>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. Dispose of absorbed material in accordance with the regulations.</p>
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7 HANDLING & STORAGE

<p>Precautions for safe handling:</p> <p>Conditions for safe storage, incl. any incompatibilities:</p>	<p>Use good personal hygiene practice. See section 8 for recommendations on the use of personal protective equipment.</p> <p>Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Protect from excessive heat. Protect from freezing. Store away from incompatible materials (see section 10 for incompatibilities).</p>
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8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Castor Oil, USP	None established	Not available	Not available

TWA: Time Weighted Average over 8 hours of work.
 TLV: Threshold Limit Value over 8 hours of work.
 REL: Recommended Exposure Limit
 PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.
 IDLH: Immediately Dangerous to Life or Health
 WEEL: Workplace Environmental Exposure Levels
 CEIL: Ceiling

Personal Protection:

Eyes:	Use chemical safety goggles and/or a full-face shield where splashing is possible.
Inhalation:	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. Airborne exposure is not expected to be a problem under ordinary handling conditions.
Body:	Wear protective gloves and clean body covering clothing.
Other:	Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Vapor Pressure:	Not applicable
Odor:	Slight characteristic odor	Vapor Density:	Not applicable
Odor Threshold:	No data available	Evaporation Rate:	No data available
Color:	Light yellow	Flammability:	No data available
Molecular Weight:	No data available	Upper/lower Explosive Limit:	No data available
pH:	No data available	Flash Point:	444°F (229°C) CC
Boiling Point:	595°F (313°C)	Specific Gravity at 15°C:	0.958 - 0.969
Melting Point:	14°F (-10°C)	Solubility:	Negligible (< 0.1%)
Relative Density:	No data available	Auto-Ignition Temperature:	840°F (449°C)
Partition Coefficient: n-	No data available	Decomposition Temperature:	No data available

octanol/water:			
Dynamic Viscosity:	No data available	Explosive Properties:	No data available
Oxidizing Properties:	No data available	% Volatiles by volume at 21°C:	100

10 STABILITY AND REACTIVITY

Reactivity:	No (pure/liquid).
Chemical Stability:	Stable under ordinary conditions of use and storage.
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	Excessive heat, freezing and incompatibles.
Incompatible Materials:	Strong oxidizers.
Hazardous Decomposition Products:	Carbon dioxide and carbon monoxide may form when heated to decomposition.
Possible Hazardous Reactions:	No data available.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	No data available.
Skin:	No data available.
Eyes:	No data available.
Inhalation:	No data available.
Ingestion:	No data available.
Carcinogenicity:	Not listed as a carcinogen by NTP, or IARC.
Teratogenicity:	No data available.
Germ Cell Mutagenicity:	No data available.
Embryotoxicity:	No data available.
Specific Target Organ Toxicity:	No data available.
Reproductive Toxicity:	No data available.
Respiratory/Skin Sensitization:	No data available.
Corrosivity:	No data available.

12 ECOLOGICAL INFORMATION

Ecotoxicity:	No data available.
Aquatic Vertebrate:	No data available.
Aquatic Invertebrate:	No data available.
Terrestrial:	No data available.
Persistence and Degradability:	No data available.
Bioaccumulative Potential:	No data available.
Mobility in Soil:	No data available.
PBT and vPvB Assessment:	No data available.
Other Adverse Effects:	No data available.

13 DISPOSAL CONSIDERATIONS

Waste Residues:	Whatever cannot be saved 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. Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product container.
Product Containers:	Whatever cannot be saved 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. Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies, if necessary, before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA):	Not dangerous according to transport regulations.
TDG (Transportation of Dangerous Goods, Canada):	Not dangerous according to transport regulations.
IMDG (International Maritime Dangerous Goods):	Not dangerous according to transport regulations.
IATA (International Air Transport Association):	Not dangerous according to transport regulations.
ICAO (International Civil Aviation Organization):	Not dangerous according to transport regulations.

15 REGULATORY INFORMATION

TSCA Inventory Status:	Yes.
TSCA 12(b):	No.
SARA 302/313:	Castor Oil, USP is not listed.
SARA 311/312:	Not listed under acute, chronic, fire, or pressure.
CERCLA:	Castor Oil, USP is not listed.
CDTA:	No.
Canada (DSL):	Yes.
Canada (NDSL):	No.
Australia (AICS):	Yes.
Japan (ENCS):	No.
Philippines (PICCS):	No.
Korea (ECL):	Yes.
New Zealand:	No data available.

16 OTHER INFORMATION

Revision Date:	01-May-2024
Compliance:	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
Disclaimer:	This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.