

Safety Data Sheet

Castor Oil

1. Identification of the Substance/Mixture and of the Company

1.1 Product Identifier

Product Name: Castor Oil

1.2 Relevant Identified Product Use

Intended Use: Compound used in customer substance/mixture/product.

1.3 Details of the Supplier of the Safety Data Sheet

Candora Soap Inc.
980 Adelaide St. S,
London, On. N6E-1R3
519-685-3111
www.candorasoap.ca

1.4 Emergency Telephone Number

(800) 255-3924 Domestic USA, Canada, Puerto Rico, and US Virgin Islands
+1 (813) 248-0585 International

2. Hazards Identification

2.1 Classification of the Substance or Mixture

Classification According to GHS

Eye Damage/Eye Irritation: Category 2B

Classification Other: Not required.

2.2 Label Elements

Labelling (GHS)

Hazard Pictograms: Not required.



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Signal Word: Warning.

Hazard Statements

H320 Combustible liquid.

Precautionary Statements

Prevention:

P264+P265 Wash hands thoroughly after handling. Do not touch eyes.

Response:

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

2.3 Other Hazards

No data available.

3. Composition/Information on Ingredients

3.1 Mixtures

Ingredient	CAS#	%	GHS Classification
Castor Oil	8001-79-4	100	H320

4. First Aid Measures

4.1 Description of First Aid Measures

Inhalation: Remove from exposure site to fresh air and ventilate the suspected area. Obtain medical advice if symptoms persist or occur.

Eye Exposure: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Skin Exposure: Remove contaminated clothing. Wash thoroughly with soap and water. Contact physician if symptoms persist or occur.

Ingestion: Rinse mouth. Do NOT induce vomiting.



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General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms: Ingesting large quantities of the product may cause nausea, vomiting, and diarrhea. Causes eye irritation.

Risks: No data available.

4.3 Indication of any Immediate Medical Attention and Special Treatment Needed

Treatment: No data available.

5. Firefighting Measures

5.1 Extinguishing Media

Suitable: Carbon dioxide (CO₂), Dry Chemical, Foam, Fog. Use extinguishing media suitable for the surrounding fire.

Unsuitable: Do not use a heavy water stream. Use of heavy stream may spread fire.

5.2 Special Hazards Arising from the Substance or Mixture

During Firefighting: Use of a self-contained breathing apparatus should be used in case of fire. Stable at ambient temperature and under normal conditions of use.

5.3 Advice for Firefighters

Further Information: Standard procedure for chemical fires. Do not enter fire area without proper protective equipment, including respiratory protection.

6. Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures



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This product can cause the floor to be very slippery and presents a tripping hazard. Use appropriate personal protection equipment (PPE). Evacuate unnecessary personnel. Ventilate area.

6.2 Environmental Precautions

Prevent entry to sewers and public water.

6.3 Methods and Materials for Containment and Cleaning Up

Absorb and/or contain spill with inert material, then place in suitable container. Clean up spills immediately and dispose of waste safely.

6.4 Reference to Other Sections

Not applicable.

7. Handling and Storage

7.1 Precautions for Safe Handling

Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat, or smoke while handling. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking, and again when leaving work. Respect good personal hygiene.

7.2 Conditions for Safe Storage, Including Any Incompatibilities

Store in a cool, dry, and well-ventilated area. Keep container closed when not in use. Avoid strong oxidizers. When in bulk, store at about 5 – 10°C above melting point at ambient temperature. Temperatures higher than necessary degrades quality at rates dependent on time and temperature of exposure.

7.3 Specific End Uses

No information available.

8. Exposure Controls/Personal Protection

8.1 Control Parameters



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Exposure Limits: Contains no substances with occupational exposure limit values.
Engineering Controls: Use local exhaust as needed.

8.2 Exposure Controls – Personal Protective Equipment

Eye Protection: Tightly sealed goggles, face shield, or safety glasses with brow guards and side shields, etc., as may be appropriate for the exposure.

Respiratory Protection: In case of inadequate ventilation wear respiratory protection.

Skin Protection: Use chemically resistant gloves as needed.

9. Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Appearance:	Yellowish liquid.
Odour:	Characteristic.
Viscosity @ 25°C:	600 – 800 cST
Freezing Point:	Not determined.
Boiling Point:	>300°C (572°F)
Melting Point:	Not determined.
Flashpoint (CCCFP):	>200°C (392°F)
Auto-flammability:	Not determined.
Explosive Properties:	None expected.
Oxidizing Properties:	None expected.
Vapour Pressure (mmHg@20°C):	Not determined.
%VOC:	Not determined.
Specific Gravity @ 25°C:	0.95 g/cm ³
Density @ 25°C:	Not determined.
Refractive Index @ 20°C:	Not determined.
Solubilities:	Insoluble in water. Soluble in vegetable oils.

10. Stability and Reactivity

10.1 Reactivity:	Stable at ambient temperature and under normal conditions of use.
10.2 Chemical Stability:	Stable.
10.3 Possibility of Hazardous Reactions:	Hazardous polymerization will not occur.
10.4 Conditions to Avoid:	Direct sunlight. Extremely high or low temperatures.



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- 10.5 Incompatible Materials:** Strong oxidizing agents, strong acids, and strong bases.
- 10.6 Hazardous Decomposition Products:** Under fire conditions, this material may produce hazardous carbon dioxide (CO₂), carbon monoxide (CO), various low molecular weight hydrocarbons, and smoke.

11. Toxicological Information

11.1 Toxicological Effects

Acute Toxicity – Oral:	Not classified – the classification criteria are not met.
Acute Toxicity – Dermal:	Not classified – the classification criteria are not met.
Acute Toxicity – Inhalation:	Not classified – the classification criteria are not met.
Skin Corrosion/Irritation:	Not classified – the classification criteria are not met.
Serious Eye Damage/Irritation:	Causes eye irritation.
Respiratory Sensitization:	Not classified – the classification criteria are not met.
Skin Sensitization:	Not classified – the classification criteria are not met.
Germ Cell Mutagenicity:	Not classified – the classification criteria are not met.
Carcinogenicity:	Not classified – the classification criteria are not met.
Reproductive Toxicity:	Not classified – the classification criteria are not met.
Specific Target Organ Toxicity – Single Exposure:	Not classified – the classification criteria are not met.
Specific Target Organ Toxicity – Repeated Exposure:	Not classified – the classification criteria are not met.
Aspiration Hazard:	Not classified – the classification criteria are not met.
Ingestion:	May cause nausea, vomiting, and diarrhea if a large quantity has been ingested.

12. Ecological Information

12.1 Toxicity

Acute Aquatic Toxicity:	No data available.
Chronic Aquatic Toxicity:	No data available.
Toxicity Data on Soil:	No data available.
Toxicity on Other Organisms:	No data available.

12.2 Persistence and Degradability:	No data available.
12.3 Bioaccumulative Potential:	No data available.
12.4 Mobility in Soil:	No data available.



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12.5 Other Adverse Effects:

Avoid release into the environment.

13. Disposal Conditions

13.1 Waste Treatment Methods

Dispose of in accordance with all local, federal or provincial, and national regulations.
Avoid release to the environment.

14. Transport Information

Regulator	Class	Pack Group	Sub Risk	UN-nr.
U.S. DOT (Non-Bulk)				
Chemicals NOI	Not regulated – Not dangerous goods.			
ADR/RID (International Road/Rail)				
Chemicals NOI	Not regulated – Not dangerous goods.			
IATA (Air Cargo)				
Chemicals NOI	Not regulated – Not dangerous goods.			
IMDG (Sea)				
Chemicals NOI	Not regulated – Not dangerous goods.			

15. Regulatory Information

U.S. Federal Regulations:

TSCA (Toxic Substance Control Act):	All components of the substance/mixture are listed or exempt.
40 CER (EPCRA, SARA, CERCLA and CAA) :	This product contains NO components of concern.

U.S. State Regulations:

California Proposition 65 Warning: This product contains NO components of concern.

Canadian Regulations:

DSL/NDL: 100% of the components are listed or exempt.



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16. Other Information

Remarks:

Please refer to all relevant technical information specific to the product, prior to use. The information contained in this document is obtained from current and reliable sources. Candora Soap Inc. provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgement in determining its appropriateness for a particular purpose. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties. As the ordinary or otherwise use(s) of this product is outside the control of Candora Soap Inc., no representation or warranty, expressed or implied, is made as to the effect(s) of such use(s), (including damage or injury), or the results obtained. The liability of Candora Soap Inc. is limited to the value of the goods and does not include any consequential loss. Candora Soap Inc. shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. Candora Soap Inc. shall not be responsible for any damages resulting from use of or reliance upon this information. In the event of any dispute, the Customer hereby agrees that jurisdiction is limited to the province of Ontario.