

Infosafe No™ 1CHAI	Issue Date : December 2020	RE-ISSUED by CHEMSUPP
--------------------	----------------------------	-----------------------

Product Name **CASTOR OIL**

Not classified as hazardous

## 1. Identification

<b>GHS Product Identifier</b>	CASTOR OIL	
<b>Company Name</b>	CHEMSUPPLY AUSTRALIA PTY LTD (ABN 19 008 264 211)	
<b>Address</b>	38 - 50 Bedford Street GILLMAN SA 5013 Australia	
<b>Telephone/Fax Number</b>	Tel: (08) 8440-2000	
<b>Emergency phone number</b>	CHEMCALL 1800 127 406 (Australia) / +64-4-917-9888 (International)	
<b>E-mail Address</b>	www.chemsupply.com.au	
<b>Recommended use of the chemical and restrictions on use</b>	Plasticiser in lacquers and nitrocellulose, production of dibasic acids, lipsticks, polyurethane coatings, elastomers and adhesives, fatty acids, surface-active agents, hydraulic fluids, pharmaceuticals, industrial lubricants, electrical insulating compounds, manufacture of Turkey Red Oil, source of sebacic acid and of ricinoleates, medicine (laxative) and laboratory reagent.	
<b>Other Names</b>	<b><u>Name</u></b>	<b><u>Product Code</u></b>
	CASTOR OIL TG Ricinus oil	CT043

### Other Information

ChemSupply Australia Pty Ltd does not warrant that this product is suitable for any use or purpose. The user must ascertain the suitability of the product before use or application intended purpose. Preliminary testing of the product before use or application is recommended. Any reliance or purported reliance upon ChemSupply Australia Pty Ltd with respect to any skill or judgement or advice in relation to the suitability of this product of any purpose is disclaimed. Except to the extent prohibited at law, any condition implied by any statute as to the merchantable quality of this product or fitness for any purpose is hereby excluded. This product is not sold by description. Where the provisions of Part V, Division 2 of the Trade Practices Act apply, the liability of ChemSupply Australia Pty Ltd is limited to the replacement of supply of equivalent goods or payment of the cost of replacing the goods or acquiring equivalent goods.

## 2. Hazard Identification

<b>GHS classification of the substance/mixture</b>	Not classified as hazardous according to the criteria of Hazardous Substances Information System (HSIS), Safe Work Australia. Not classified as dangerous goods according to the Australian Dangerous Goods Code (ADG).
--	--

## 3. Composition/information on ingredients

<b>Information on Composition</b>	Castor oil is a triglyceride of fatty acids. The fatty acid composition is approximately ricinoleic acid (87%); oleic acid (7%); linoleic acid (3%); palmitic acid (2%); stearic acid (1%) and trace amounts of dihydroxystearic acid.		
<b>Ingredients</b>	<b><u>Name</u></b>	<b><u>CAS</u></b>	<b><u>Proportion</u></b>
	Castor oil	8001-79-4	100 %

## 4. First-aid measures

<b>Inhalation</b>	Remove victim to fresh air. If breathing has stopped, apply artificial respiration. Keep warm and at rest. Seek medical advice if effects persist.
<b>Ingestion</b>	Rinse mouth with water. Seek medical advice if effects persist.
<b>Skin</b>	Wash with plenty of soap and water. If irritation occurs seek medical advice.
<b>Eye contact</b>	Irrigate with copious quantity of water for 15 minutes. Seek medical assistance if symptoms persist.
<b>First Aid Facilities</b>	Maintain eyewash fountain and safety shower in work area.

Infosafe No™ 1CHAI	Issue Date : December 2020	RE-ISSUED by CHEMSUPP
--------------------	----------------------------	-----------------------

Product Name **CASTOR OIL**

Not classified as hazardous

**Advice to Doctor** Treat symptomatically based on judgement of doctor and individual reactions of the patient.

**Other Information** For advice, contact a Poisons Information Centre (Phone eg Australia 13 1126; New Zealand 0800 764 766) or a doctor.

## 5. Fire-fighting measures

**Hazards from Combustion Products** May liberate toxic fumes in fire such as oxides of carbon.

**Specific Methods** Use extinguishing media most appropriate for the surrounding fire. No limitations to the type of extinguishing media. Use dry chemical, CO<sub>2</sub>, water spray or alcohol-resistant foam. If safe to do so, move undamaged containers from the fire area. Cool containers with flooding quantities of water until well after the fire is out.

**Precautions in connection with Fire** Wear SCBA and structural firefighter's uniform.

## 6. Accidental release measures

**Personal Precautions** Avoid inhalation, contact with skin, eyes and clothing.

**Personal Protection** Wear protective clothing specified for normal operations (see Section 8)

**Clean-up Methods - Small Spillages** Slippery when spilt. Avoid accidents, clean up immediately. Absorb or contain liquid with sand, earth or spill control material. Shovel up using non sparking tools and place in a labelled, sealable container for subsequent safe disposal. Put leaking containers in a labelled drum or overdrum.

**Environmental Precautions** Prevent from entering into drains, ditches, rivers or the sea.

## 7. Handling and storage

**Precautions for Safe Handling** Do not breathe vapour. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. No specific handling conditions specified.

**Conditions for safe storage, including any incompatibilities** Keep container tightly closed and in a cool, dry, well-ventilated place, away from sources of heat or ignition. Keep containers securely sealed and protected against physical damage. Protect from freezing.

## 8. Exposure controls/personal protection

**Other Exposure Information** No exposure standards have been established for this product by Safe Work Australia, however, the TWA exposure standard for dusts/mists not otherwise specified is 10 mg/m<sup>3</sup>. All atmospheric contamination should be kept to as low a level as is workable. The exposure value at the TWA is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week.

**Appropriate engineering controls** Maintain the concentrations values below the TWA. This may be achieved by process modification, use of local exhaust ventilation, capturing substances at the source, or other methods.

**Respiratory Protection** Usually is not required. Where protection is required from nuisance levels of dust or mists select respiratory protection that complies with AS 1716 - Respiratory Protective Devices and select in accordance with AS 1715 - Selection, Use and Maintenance of Respiratory Protective Devices. Filter capacity and respirator type depends on exposure levels.

**Eye Protection** The use of a face shield, chemical goggles or safety glasses with side shield protection as appropriate. Must comply with Australian Standards AS 1337 and be selected and used in accordance with AS 1336.

**Hand Protection** Wear gloves of impervious material conforming to AS/NZS 2161: Occupational protective gloves - Selection, use and maintenance. Final choice of appropriate glove type will vary according to individual circumstances. This can include methods of handling, and engineering controls as determined by appropriate risk assessments.

**Personal Protective Equipment** Personal protective equipment should not solely be relied upon to control risk and should only be used when all other reasonably practicable control measures

Infosafe No™ 1CHAI	Issue Date : December 2020	RE-ISSUED by CHEMSUPP
--------------------	----------------------------	-----------------------

Product Name **CASTOR OIL**

Not classified as hazardous

<b>Footwear</b>	do not eliminate or sufficiently minimise risk. Guidance in selecting personal protective equipment can be obtained from Australian, Australian/New Zealand or other approved standards.
<b>Body Protection</b>	Safety boots in industrial situations is advisory, foot protection should comply with AS 2210, Occupational protective footwear - Guide to selection, care and use.
<b>Hygiene Measures</b>	Flame retardant antistatic protective clothing. Clean clothing or protective clothing should be worn, preferably with an apron. Clothing for protection against chemicals should comply with AS 3765 Clothing for Protection Against Hazardous Chemicals.
	Always wash hands before smoking, eating or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

## 9. Physical and chemical properties

<b>Form</b>	Liquid
<b>Appearance</b>	Pale yellowish or almost colourless, transparent, viscous liquid.
<b>Odour</b>	Faint mild odour.
<b>Melting Point</b>	-10 °C
<b>Boiling Point</b>	313 °C
<b>Solubility in Water</b>	Negligible (<0.1%).
<b>Solubility in Organic Solvents</b>	Soluble in alcohol, benzene, chloroform and carbon disulfide.
<b>Specific Gravity</b>	0.961-0.963 @ 15.5 °C
<b>pH</b>	Acid value=1.0 max.
<b>Flash Point</b>	>113.00°C (closed cup)
<b>Flammability</b>	Combustible.
<b>Auto-Ignition Temperature</b>	448 °C

## 10. Stability and reactivity

<b>Chemical Stability</b>	Stable under ordinary conditions of use and storage.
<b>Conditions to Avoid</b>	Excessive heat, freezing and incompatibles.
<b>Incompatible Materials</b>	Strong oxidizers.
<b>Hazardous Decomposition Products</b>	Carbon oxides may form when heated to decomposition.
<b>Hazardous Polymerization</b>	Will not occur.

## 11. Toxicological Information

<b>Ingestion</b>	Laxative. Ingestion of large quantities may cause nausea, vomiting, colic, and severe purgation. It should not be given when intestinal obstruction is present. Has also caused uterine cramps, bleeding and abortion. Risk of aspiration if vomiting occurs, with further risk of lipid pneumonia.
<b>Inhalation</b>	Allergic asthmatic reaction may occur in persons previously exposed.
<b>Skin</b>	Rarely, allergic contact dermatitis may occur in previously exposed individuals.
<b>Eye</b>	Application of oil is considered to be bland and innocuous. However, irritation has been reported in laboratory animals.
<b>Respiratory sensitisation</b>	Not classified based on available information.

Infosafe No™ 1CHAI	Issue Date : December 2020	RE-ISSUED by CHEMSUPP
--------------------	----------------------------	-----------------------

Product Name **CASTOR OIL**

Not classified as hazardous

<b>Skin Sensitisation</b>	Not classified based on available information.
<b>Germ cell mutagenicity</b>	Not classified based on available information.
<b>Carcinogenicity</b>	Not classified based on available information.
<b>Reproductive Toxicity</b>	Not classified based on available information.
<b>STOT-single exposure</b>	Not classified based on available information.
<b>STOT-repeated exposure</b>	Not classified based on available information.
<b>Chronic Effects</b>	Can cause fluid and electrolyte imbalance and possible laxative dependence.
<b>Mutagenicity</b>	Not classified based on available information.

## 12. Ecological information

**Ecotoxicity** No ecological data available for this product.

## 13. Disposal considerations

**Disposal Considerations** Whatever cannot be saved for recovery or recycling should be disposed of according to relevant local, state and federal government regulations.

## 14. Transport information

**Transport Information** Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

## 15. Regulatory information

**Regulatory Information** All of the significant ingredients in this formulation are compliant with Australian Industrial Chemicals Introduction Scheme (AICIS) regulations. Not listed under WHS Regulation 2011, Schedule 10 - Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.

**Poisons Schedule** Not Scheduled

## 16. Other Information

**Literature References** 'Standard for the Uniform Scheduling of Medicines and Poisons .', Commonwealth of Australia.  
National Road Transport Commission, 'Australian Code for the Transport of Dangerous Goods by Road and Rail 7th. Ed.'.  
Safe Work Australia, 'National Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals'.  
Standards Australia, 'SAA/SNZ HB 76:2010 Dangerous Goods - Initial Emergency Response Guide', Standards Australia/Standards New Zealand.  
Safe Work Australia, 'Hazardous Chemical Information System'.  
Safe Work Australia, 'National Code of Practice for the Labelling of Safe Work Hazardous Substances'.  
Safe Work Australia, 'National Exposure Standards for Atmospheric Contaminants in the Occupational Environment'.

**Contact Person/Point** Paul McCarthy Ph. (08) 8440 2000 **DISCLAIMER STATEMENT:**  
All information provided in this data sheet or by our technical representatives is compiled from the best knowledge available to us. However, since data, safety standards and government regulations are subject to change and the conditions of handling and use, or misuse, are beyond our control, we make no warranty either expressed or implied, with respect to the completeness or accuracy of the information contained herein. ChemSupply Australia Pty Ltd accepts no responsibility whatsoever for its accuracy or for any results that may be obtained by customers from using the data and disclaims all liability for reliance on information provided in this data sheet or by our technical representatives.  
...End Of MSDS...

Infosafe No™ 1CHAI	Issue Date : December 2020	RE-ISSUED by CHEMSUPP
--------------------	----------------------------	-----------------------

Product Name **CASTOR OIL**

Not classified as hazardous

© Copyright Chemical Safety International Pty Ltd

Copyright in the source code of the HTML, PDF, XML, XFO and any other electronic files rendered by an Infosafe system for Infosafe MSDS displayed is the intellectual property of Chemical Safety International Pty Ltd.

Copyright in the layout, presentation and appearance of each Infosafe MSDS displayed is the intellectual property of Chemical Safety International Pty Ltd. The compilation of MSDS's displayed is the intellectual property of Chemical Safety International Pty Ltd.

Copying of any MSDS displayed is permitted for personal use only and otherwise is not permitted. In particular the MSDS's displayed cannot be copied for the purpose of sale or licence or for inclusion as part of a collection of MSDS without the express written consent of Chemical Safety International Pty Ltd.