

**SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING**
**PRODUCT IDENTIFIER**

Product Name	Castor Oil - Refined Deod
INCI Name	Ricinus Communis Seed Oil
CAS Number	8001-79-4

**DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET**

Registered distributor company name	Pure Ingredients Ltd	Pure Nature
Address	626A Rosebank Road, Avondale 1026	626A Rosebank Road, Avondale 1026
Telephone	+64 9 813 5619	+64 813 9412
Website	www.pureingredients.co.nz	www.purenature.co.nz
Email	compliance@pureingredients.co.nz	info@purenature.co.nz

**EMERGENCY TELEPHONE NUMBER**

Association / Organisation	0800 CHEMCALL / 0800 243 622 (24hr)
Emergency telephone numbers	111
Other emergency telephone numbers	0800 764 766

**SECTION 2 HAZARDS IDENTIFICATION**

HSNO Hazard Classification	Not classified
HSNO Approval Number	-
Hazard Nature	This product is not classified as hazardous under HSNO criteria
Pictogram(s)	Nil
Signal Word	Nil
Hazard Statement(s)	Nil
Prevention Statements(s)	Nil
Response Statement(s)	Nil
Storage Statement(s)	Nil
Disposal Statement(s)	Nil

**SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS**

CAS No.	% [weight/volume]	INCI Name
8001-79-4	100	Ricinus Communis Seed Oil

**SECTION 4 FIRST AID MEASURES**

NZ Poisons Centre 0800 POISON (0800 764 766) | NZ Emergency Services: 111

Ingestion	Rinse the mouth.
Inhalation	Remove to fresh air immediately.
Skin Contact	Wash with plenty of water & soap.
Eye Contact	Rinse with plenty of water. Seek medical advise if any irritation appears or feeling uneasy.

**SECTION 5 FIREFIGHTING MEASURES**

Extinguishing material	Foam, Carbon dioxide, Water, Dry Chemical Powder
Unsuitable extinguishing material	Strong oxidizing agents must not be used as extinguishing media.
Special hazards arising from the substance or mixture	In case of fire, carbon monoxide & carbon dioxide can be formed.
Special Hazards with regards to fire-fighting equipment	Toxic gases as carbon monoxide may be released during fire. Use positive pressure, self-contained breathing apparatus & full protective clothing. Fight fire from safe distance.

**SECTION 6 ACCIDENTAL RELEASE MEASURES**

Personal precautions	Evacuate non-essential personnel. Wear appropriate protective eyeglasses, splash goggles, appropriate respiratory equipment. Wear impervious protective clothing, including boots, gloves, lab coats, apron to prevent skin contact. Remove an incapacitated worker from further exposure.
Methods for Cleaning Up	Soak up spill with sand or earth & detergent and place in suitable container. Disconnect electrical connection & all other sources of ignition. Adequate ventilation should be provided when accidental release occurs. Avoid spread of spillage by using adsorbents.
Environmental precautions	Minimize entry of material into sewers & drainage systems.

**SECTION 7 HANDLING AND STORAGE**

Handling	Keep away from sources of ignition.
Storage	Keep containers close and in dry shaded godown, away from heat & light.

**SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

Control Parameters	Exposure limits – ADI humans: 0.7mg/kg body weight (FAO/WHO) Derived No Effect Level – Not available Predicted No Effect Concentration (PNEC) – Not available
Exposure Controls	Engineering Controls - No special measures required.
Personal Protection	Respiratory Equipment Not required under normal exposures. In case of confined area & where material is heated, ventilation is suggested. Hand Protection GRAS. For some individuals, gloves may be required. Eye Protection Protective glasses. Skin Protection GRAS.

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	Yellowish viscous liquid	Relative density	~ 0.95 at 25°C
Odour	Like vegetable oil	Water solubility	Insoluble
pH	Neutral	Fat solubility	Soluble in ethanol at room temp
Boiling point	Decomposes before boiling	Viscosity at 25°C	600 – 800mPas
Flash point	~ 285°C (COC)	Viscosity at 20°C	950 – 1100mPas

**SECTION 10 STABILITY AND REACTIVITY**

Reactivity	Stable when kept sealed & protected.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	None under normal processing.
Conditions to avoid	Heat, flames, humidity, sparks.
Incompatible materials	Strong oxidising agents.
Hazardous decomposition products	None under normal use conditions.

**SECTION 11 TOXICOLOGICAL INFORMATION**

Skin corrosion/irritation	Non-irritation to the skin
Expected LD50 oral-rate	> 5000 mg/kg based on data taken from similar product

**SECTION 12 ECOLOGICAL INFORMATION**

Mobility	Not determined.
Degradability	Readily biodegradable
Accumulation	Minimum biodegradability is 60% BSB30/CSB resp. 70% DOC
Short & long term effects on ecotoxicity	Acute fish toxicity LC50 > 100 mg/L Bacteria toxicity EC50 > 100 mg/L
Other adverse effects	None

**SECTION 13 DISPOSAL CONSIDERATION**

Waste treatment methods	Can be landfilled together with household refuse, in accordance with the regulations
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**SECTION 14 TRANSPORT INFORMATION**

Transport	Road & Rail (RID/ADR/DOT)	Marine (IMDG)	Air (IATA)
UN number	Not regulated for transport.	Not regulated for transport.	Not regulated for transport.
UN proper shipping name	Nil	Nil	Nil
Transport hazard class(es)	Nil	Nil	Nil
Packing group	Nil	Nil	Nil
Environmental hazards	Nil	Nil	Nil

**SECTION 15 REGULATORY INFORMATION**

Listed in: EINECS#: 232-293-8, TSCA, DSL, AICS, PICCS, KE-04979, NZIoC (component), CSNN, IECSC.  
Not listed in ENCS.

**SECTION 16 OTHER INFORMATION**

The information contained in this Safety Data Sheet is obtained from current and reliable sources. Pure Ingredients Ltd provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This Safety Data Sheet summarises our best current knowledge of the health and safety hazard information of the product but does not claim to be all inclusive. This document is intended only as a guide to the appropriate handling of this material.

Reference: supplier's SDS.

Version: 01 Revision Date: 22/ 07/ 2019: PIL  
Version: 02 Revision Date: 04/05/2020: PIL SDS Change of address - no changes to SDS.  
Version: 03 Revision Date: 08/02/2022: PIL – SA076 25032021

