

ZINC RICINOLEATE POWDER - PURE – SAFETY DATA SHEET

Page 1 of 3
Version No: 00
Code: SS109741

SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

PRODUCT IDENTIFIER

Product Name	Zinc Ricinoleate Powder - Pure
Other Names	Zinc Salt of Ricioleic Acid, Ricinoleate Acid Zinc Salt

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 9 813 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

GHS / HSNO Hazard Classification	Not classified
HSNO Approval Number	Not classified
Hazard Nature	This product is not classified 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

Chemical Ingredient - INCI	CAS No.	EINECS	% [weight/volume]
ZINC RICINOLEATE	13040-19-2	-	100 %

SECTION 4 FIRST AID MEASURES

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

Skin contact	Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.
Ingestion	Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupful of milk or water.
Inhalation	Remove from exposure and move to fresh air immediately.
Notes to Physician	There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient. Due to the irritant and surfactant action of the material, if it is aspirated during the swallowing or vomiting, there may be lung injury. Therefore, emesis should not be induced by mechanical or pharmacological means. If it is considered that evacuation of the stomach contents is necessary, this should be done by means least likely to result in aspiration (e.g., the use of gastric lavage in the presence of endotracheal intubation).

SECTION 5 FIREFIGHTING MEASURES

General information	<p>FLAMMABLE PROPERTIES: Flash Point: Non-flammable solution.</p> <p>FLAMMABLE LIMITS: Not determined.</p> <p>HAZARDOUS COMBUSTION PRODUCTS: Water must not be boiled-off before product will burn. Burns to produce oxides of carbon, nitrogen, and sulphur in large fires.</p> <p>FIRE FIGHTING INSTRUCTIONS: Fire Fighting Procedures: The liquid will not sustain combustion. Move containers from the fire area if you can do so without risk. Do not scatter spilled material with high-pressure water streams. Dike fire-control water for later disposal. Use agents suitable for type of surrounding fire. Avoid breathing vapours, keep upwind.</p>
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ZINC RICINOLEATE POWDER - PURE – SAFETY DATA SHEET

Page 2 of 3
Version No: 00
Code: SS109741

SECTION 5 FIREFIGHTING MEASURES

Extinguishing Media	Water spray (fog), or foam for large fires. CO2 or dry chemicals for small fires.
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SECTION 6 ACCIDENTAL RELEASE MEASURES

General Information	Use proper personal protective equipment as indicated in Section 8.
Spills or Leaks	Clean up spills immediately, observing precautions in the Protective Equipment section. Sweep up, then place into a suitable container for disposal.

SECTION 7 HANDLING AND STORAGE

Handling	Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation.
Storage	Store in a cool, dry place. Keep container closed when not in use.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls	Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits. Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels.
Personal Protective equipment – as required as per working conditions and risks	
Eyes	Wear safety glasses and chemical goggles if splashing is possible.
Skin	Wear appropriate protective gloves and clothing to prevent skin exposure.
Clothing	Wear appropriate protective clothing to minimize contact with skin.
Respirators	Wear a respirator in the positive pressure mode with emergency escape provisions.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical state	-	Powder	Solubility in water	-	Not available
Colour	-	White to cream coloured	Molecular weight		660.30
Freezing / Melting point	°C	Not available	Decomposition Temperature		300°C

SECTION 10 STABILITY AND REACTIVITY

Chemical stability	Stable under normal temperatures and pressures.
Conditions to avoid	Incompatible materials, strong oxidants.
Incompatibilities	Strong oxidizing agents.
Hazardous Decomposition	Irritating and toxic fumes and gases.
Hazardous Polymerization	Has not been reported.

SECTION 11 TOXICOLOGICAL INFORMATION

Acute toxicity	LD50 Oral - rat - 2,500 mg/kg
Skin corrosion/irritation	Skin - rabbit – non-irritant
Serious eye damage/eye irritation	Non-irritant
Respiratory or skin sensitization	Non-sensitizing
Germ cell mutagenicity	No data available
Chronic	Moderately toxic by ingestion. A skin and eye irritant. When heated to decomposition, it emits toxic fumes of SOX, COX CARCINOGENICITY: NTP, IRAC, OSHA Reg. –Product is not listed. TLV: Not established for product. See Section 15. Hazard Type: Skin Irritant.

SECTION 12 ECOLOGICAL INFORMATION

Biodegradability	This product is readily biodegradable. Do not release into surface waters. Discharge of large quantities into the aquatic environment may kill fish and other aquatic organisms.
Chemical fate information	Complete biodegradation of the primary alkyl sulfates occurs within seven (7) days

ZINC RICINOLEATE POWDER - PURE – SAFETY DATA SHEET

Page 3 of 3
Version No: 00
Code: SS109741

SECTION 13 DISPOSAL CONSIDERATION

Instructions	Dispose of in a manner consistent with federal, state, and local regulations.
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SECTION 14 TRANSPORT INFORMATION

	Land Transport (ADR/RID)	Sea Transport (IMDG)	Air Transport (IATA/ICAO)
UN number	Not regulated	Not regulated	Not regulated
UN proper shipping name	-	-	-
Transport hazard class(es)			
Packing group			
Environmental hazards			

SECTION 15 REGULATORY INFORMATION

The following information is presented in good faith and believed to be accurate as of the effective/revision date shown above. No warranty is expressed or implied. Regulatory requirements are subject to change and may vary from one location to another; it is the buyer's responsibility to ensure that its activities comply with current federal, state or provincial, and local laws. The following specific information is made for the purpose of complying with numerous federal, state or provincial, and local regulations. Health and Safety information is stated elsewhere in this MSDS.

STATUS OF SUBSTANCE LISTS:

The upper bound configurations are the maximum or ceiling levels (weight %) to be used for calculations for the regulations.

FEDERAL EPA TSCA STATUS: All chemical substances contained in this product are on the TSCA Inventory List.

CERCLA: The Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) requires notification of the National Response Center of release of quantities of Hazardous Substances equal to or greater than the reportable quantities (RQs) in 40 CFR 302.4.

SARA Title III – Sections 302, 304, 311, 312, 313

No Components present in this product at a level which could require reporting under the statute.

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.

v00: 18/05/2022 PIL. New SDS