
SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Vegetable oil salt - Powder form [Zinc Ricinoleate]
(Non-Hazardous)

Product Number: S2004

Sarchem Labs, Inc.
5012 Industrial Road
Farmingdale, NJ 07727

Emergency Phone No: 800-255-3924
International: +1-813-248-0585
ChemTel Inc

2. HAZARDS INFORMATION:

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 GHS Label elements, including precautionary statements Pictogram Signal word Warning

Emergency Overview

Pictogram

none

Signal word warning

Hazard statement(s)

Precautionary statement(s)

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS - none

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS#</u>	<u>EC:NO</u>	<u>Molecular Weight</u>
Zinc Ricinoleate	13040-19-2		

Synonyms:

Formula:

4. FIRST AID MEASURES:

General Advice

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangers area.

If inhaled

If breathed in, move person into fresh air. If not breathing give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Do NOT induce vomiting. Rinse mouth with water. Consult a physician.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

Flash Point: Non-flammable solution.

FLAMMABLE LIMITS: Not determined.

HAZARDOUS COMBUSTION PRODUCTS: Water must not be boiled-off before product will burn. Burns to produce oxides of carbon, nitrogen, and sulfur in large fires.

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 vapors, keep upwind.

Extinguishing Media: Water spray (fog), or foam for large fires. CO₂ or dry chemicals for small fires.

Unusual Fire & Explosive Hazards: None.

NFPA: H1 = Slightly Hazardous; F1 = Must be preheated to burn; R0 = Normally stable.

6. ACCIDENTAL RELEASE MEASURES:

SMALL SPILL: Recover as much material as practical. Soak up balance with sand, dirt, or other absorbent and haul to approved dump. Wash away residue with water. The washings should be discharged to a plant or municipal process water treatment systems. Avoid direct discharge to natural waterways. Material may initially gel or solidify on contact with water.

7. HANDLING & STORAGE

HANDLING: Spilled material is slippery on walkways and highways. Foams profusely when hit with a stream of water. Wash thoroughly after handling. Do not get in eyes. Avoid skin and clothing contact.

STORAGE: Do not store with strong oxidizing agents. Store in plastic or plastic lined steel tightly closed containers. Containers should be stored at temperatures between 40 and 100°F. See Sections 10 and 15 for additional information.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

ENGINEERING CONTROLS: General (mechanical) room ventilation

RESPIRATORY PROTECTION: Yes, if working in confined spaces. Use MSHA OR NIOSH approved organic vapor respirator protection should be used for cleaning large spills or entry into tanks, vessels, or other confined spaces.

SKIN PROTECTION: Protective gloves (PVC-coated), long sleeve shirt, trousers, and chemical resistant boots.

EYE PROTECTION: Safety glasses or goggles.

Other Protection: Eye bath and safety shower located near work process area.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance:	white to cream color powder
Content of Zinc:	5.6-6.6%
Boiling Point:	Not available
Melting Point:	160° F
Vapor Pressure:	Not available
% Volatile by Weight:	Not available
Solubility in Water:	Not available
Density	Not available
pH of Liquid, Typical (10% soln):	7.2-7.8
Specific Gravity	Approx. 600 kg/m ³
Odor:	No

10. STABILITY AND REACTIVITY:

Chemical Stability: Stable compound

Incompatibility: N/A

Conditions to Avoid: N/A

Hazardous Decomposition Conditions: N/A

Hazardous Polymerization:

11. TOXICOLOGICAL INFORMATION:

EYES:

SKIN: skin of rabbit

INGESTION: Oral RAT LD50: Unknown.

INHALATION: Unknown.

CHRONIC: Moderately toxic by ingestion. A skin and eye irritant. When heated to decomposition, it emits toxic fumes of SO_x, CO_x, and NO_x.

CARCINOGENICITY: NTP, IRAC, OSHA Reg. –Product is not listed.

TLV: Not established for product. See Section 15.

Hazard Type: Skin Irritant.

12. ECOLOGICAL INFORMATION:

ECOTOXICOLOGICAL INFORMATION:

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.

13. DISPOSAL CONSIDERATIONS:

Waste disposal method:

Sewer as diluted. Material is completely biodegradable. May be disposed of in a landfill as non-hazardous waste, check local codes and regulations.

14. TRANSPORTATION INFORMATION:

Proper Shipping Name: Zinc Ricinoleate

DOT Hazard Class:

Emergency Response Guide No.:

EPA Reportable Quantity:

15. REGULATORY INFORMATION:

NOTICE: 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.

15. REGULATORY INFORMATION (continued):**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 stature.

16. OTHER INFORMATION:**Further Information**

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