

Zinc Ricinoleate

Material Safety Data Sheet (MSDS)

1. Product Identification

Product Name: Zinc Ricinoleate
INCI Name: TeGodeo PY 88
Chemistry: Zinc salt of ricinoleic acid
CAS Number: unavailable
EINECS Number: unavailable

2. Physical & Chemical Properties

Melting Point: 160 F
Boiling Point: not measured
Non-Volatiles: no data available
pH: 6.6
Viscosity: not applicable
Specific Gravity: Approx. 600 kg/m³
Solubility in water: insoluble
Refractive Index: no data available
Appearance & Odor: Beige pellets with characteristic odor

3. Stability & Reactivity

Chemical Stability: Stable under normal conditions of storage and handling.
Conditions to Avoid: None known.
Incompatible Materials: No hazardous reactions with proper storage and handling.
Hazardous Decomposition Products: None with proper storage and handling.
Hazardous Polymerization: Will not occur.

4. Handling & Storage

Handling precautions: Wash thoroughly after handling. Do not wear contaminated clothing or shoes. Use good personal hygiene practice.
Storage Precautions: Keep only in original container.
Other Precautions: Keep container closed.

5. Accidental Release Measures

Cleanup methods: For small spills use personal protective equipment. Do not allow to enter drains or waterways. Do not discharge into soil/subsoil. Pick up mechanically. Dispose of absorbed material in accordance with regulations.

6. Exposure Controls & Personal Protection

Respiratory Protection: Not required.
Protective Clothing: PVC gloves, chemical resistant goggles or safety glasses with side shields and light protective clothing are required.
Other Protective Measures: No smoking, eating or drinking allowed when using this product. Wash hands before breaks and at end of work shift. Avoid contact with eyes and skin. Protective clothing should be worn where appropriate.

7. Hazards Identification

Eye: No harmful effects have been reported upon contact with the eyes.
Skin: No harmful effects have been reported upon contact with the skin.
Inhalation: No harmful effects have been reported upon inhalation.
Ingestion: No harmful effects have been reported upon ingestion.
Cancer: Not listed by NTP, IAR, ACGIH, or OSHA as a carcinogen.
Target Organs: None.
Developmental: No data available.
Pre-existing Medical Conditions: None known.

8. First Aid Measures

Eyes: Do not let victim rub eyes. Flush with water for 15 minutes or more. If irritation persists, seek medical attention.
Skin: Immediately and thoroughly, wash off with soap and water.
Inhalation: Ensure supply of fresh air.
Ingestion: Drink large amounts of water, do not induce vomiting, and seek medical advice and show this data sheet.

9. Fire Fighting Measures

Flash Point: >482 F
Auto ignition Temperature: Approx. 824.00 F
Extinguishing Media: Not applicable.
Products in case of fire: In the event of fire the following can be released: Carbon Dioxide, Carbon Monoxide, Zinc Oxide.
Fire Fighting Procedures: Emergency responders must wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear.

10. Toxicological Information

Acute oral toxicity: LD50 Species: rat
Dose: >2000 mg/kg
Method: OECD 401
Skin irritation: Species: rabbit
Non irritant
Method: OECD 404
Eye irritation: Species: rabbit
Non irritant
Method: OECD 405
Sensitization: Species: Guinea pig
Non-sensitizing
Method: OECD 406
Note: Proper use provided, no adverse health effects have been observed or have come to our attention. The substance has no mutagenic activity (Ames Test).

11. Disposal Consideration

Disposal Requirements: Dispose in accordance with local authority regulations, take to special waste incineration plant.
Contaminated Packaging: If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards.

12. Transport Information

DOT Shipping Name: not regulated
ADR/RIC Code: not regulated
Sea Transport IMDG Code: not regulated
Air Transport IATA: not regulated

13. Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.