Zinc Ricinoleate

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / March 26, 2012 / Rules and Regulation

Revision Date: 23-Jan-2024
Supersedes: 25-Sep-2015

1 PRODUCT & COMPANY IDENTIFICATION

Product Name: Zinc Ricinoleate
Synonyms: Zinc Ricinoleate
INCI Name: Zinc Ricinoleate
CAS Number: 13040-19-2
Formula: No data available
Product Form: Solid pellets
Product Use: Cosmetic use

Distributor: MakingCosmetics.com Inc.
Address: 10800 231st Way NE
Redmond, WA 98053 (USA)
Phone / Fax: 425-292-9502 / 425-292-9601
Web: **www.makingcosmetics.com**

Emergency Telephone Number: 1-800-424-9300 (Chemtrec)

2 HAZARDS IDENTIFICATION

GHS Classification: Not classified
GHS Labeling: Not classified
GHS Hazard Pictograms: None
GHS Hazard Statements: None
GHS Precautionary Statements: None
Potential Health Hazards: Eyes: May be irritant.
Inhalation: Not expected to be irritant.
Skin: May be irritant.
Ingestion: May be irritant.

NFPA Ratings (704):

Health	N/A	N/A
Flammability	N/A	N/A
Reactivity	N/A	N/A
Specific Hazard	N/A	

3 COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Weight %	Molecular Weight
Zinc Ricinoleate	13040-19-2	>99%	Not Available

4 FIRST AID MEASURES

Eyes: Remove any contact lenses. If substance has got into the eyes, immediately wash out with plenty of water for at least 15 minutes. If symptoms develop, obtain medical attention.
Inhalation: Not normally required. Treat symptomatically.
Skin: Not normally required. Wash affected skin with plenty of water. If irritation (redness, rash, blistering) develops, get medical attention.
Ingestion: Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Call a physician or POISON CONTROL CENTER immediately.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media: May be combustible at high temperature. Use appropriate media (foam, carbon dioxide, dry chemical, or water spray) for adjacent fire.
Special protective equipment & precautions for firefighters: Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.
Flash Points: >120°C
Specific hazards arising from the chemical: Combustion or thermal decomposition will evolve toxic and irritant vapors. Carbon monoxide, carbon dioxides, and zinc oxides. See also Stability and Reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures: Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.

Environmental precautions: Avoid liquid release into sewers/public water. Notify environmental authorities in case of large leaks.

Methods and material for containment and cleaning up: Sweep up and place in suitable, closed containers for disposal. Clean surfaces thoroughly with water to remove residual contamination. Dispose of all waste and cleanup materials in accordance with regulations.

7 HANDLING & STORAGE

Precautions for safe handling: Avoid skin contact. Do not get in eyes. Avoid contact with excessive heat. WARNING: Air oxidation of this material on fibrous articles such as cloth or filter media may present a spontaneous combustion hazard if heat is not allowed to dissipate. To avoid spontaneous combustion: (1) prevent residue build-ups and (2) soak soiled rags, filters, and over-spray wastes in water before disposing. See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.

Conditions for safe storage, incl. any incompatibilities: Store in cool, dry well-ventilated area. (Not exceeding 50°C/122°F). Keep away from heat and incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Component	Exposure Limits	Basis	Entity
Zinc Ricinoleate	Not available		

TWA: Time Weighted Average over 8 hours of work.
TLV: Threshold Limit Value over 8 hours of work.
REL: Recommended Exposure Limit
PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.
IDLH: Immediately Dangerous to Life or Health
WEEL: Workplace Environmental Exposure Levels
CEIL: Ceiling

Personal Protection:

Eyes: Safety glasses with side-shields should be worn.

Inhalation: Not needed under normal conditions of use.

Body: Gloves (PVC, Neoprene, or Natural Rubber) should be used. Wear body-covering clothing.

Other: 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. Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Waxy solid	**Vapor Pressure:**	No data available
Odor:	No data available	**Vapor Density (Air = 1):**	Heavier than air
Odor Threshold:	No data available	**Evaporation Rate:**	No data available
Color:	Tan	**Flammability:**	Not applicable
Molecular Weight:	No data available	**Upper/lower Explosive Limit:**	No data available
pH:	No data available	**Flash Point:**	>120°C
Boiling Point:	No data available	**Specific Gravity:**	No data available
Melting Point:	Ca. 70°C	**Solubility in Water:**	Insoluble
Relative Density:	Ca. 0.6 (pastilles) 1.2 (solid)	**Auto-Ignition Temperature:**	Not applicable
Partition Coefficient: n-octanol/water:	No data available	**Decomposition Temperature:**	No data available
Viscosity:	No data available	**Explosive Properties:**	Not explosive
Oxidizing Properties:	Not oxidizing	**Freezing Point:**	No data available

10 STABILITY AND REACTIVITY

Reactivity:	Stable under normal conditions
Chemical Stability:	Stable
Hazardous Polymerization:	None anticipated
Conditions to Avoid:	Avoid contact with excessive heat. WARNING: Air oxidation of this material on fibrous articles such as cloth or filter media may present a spontaneous combustion hazard if heat is not allowed to dissipate. To avoid spontaneous combustion: (1) prevent residue build-ups and (2) soak soiled rags, filters, and over-spray wastes in water before disposing.
Incompatible Materials:	Strong oxidizing agents and reducing agents.
Hazardous Decomposition Products:	Low molecular weight organic compounds; oxides of carbon and zinc; smoke of unknown toxicity.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	Oral: LD50: >2000 mg/kg
Skin:	Unlikely to cause skin irritation
Eyes:	Unlikely to cause eye irritation
Respiratory:	No data available
Ingestion:	No data available
Carcinogenicity:	Unlikely to present a carcinogenic hazard to man.
Teratogenicity:	No data available
Germ Cell Mutagenicity:	No evidence of mutagenic potential.
Embryotoxicity:	None anticipated
Specific Target Organ Toxicity:	No data available
Reproductive Toxicity:	None anticipated
Respiratory/Skin Sensitization:	Not a skin sensitizer
Corrosivity & Irritation:	Unlikely to cause skin irritation Unlikely to cause eye irritation.
Sensitization:	It is not a skin sensitizer
Repeated Dose Toxicity:	None anticipated

12 ECOLOGICAL INFORMATION

Ecotoxicity	No data available
Aquatic Vertebrate:	LC50: 27000 mg/L (fish)
Aquatic Invertebrate:	EC10: 60 mg/L (bacteria)
Terrestrial:	No data available
Persistence and Degradability:	The organic part of the product is readily biodegradable.
Bioaccumulative Potential:	The product has no potential for bioaccumulation.
Mobility in Soil:	No data available
PBT and vPvB Assessment:	Not classified as a PBT or a vPvB.
Other Adverse Effects:	None known

13 DISPOSAL CONSIDERATIONS

Waste Residues:	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.
Product Containers:	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA):	Not regulated as a dangerous good
TDG (Transportation of Dangerous Goods, Canada):	No data available
IMDG (International Maritime Dangerous Goods):	Not regulated as a dangerous good
IATA (International Air Transport Association):	Not regulated as a dangerous good
ICAO (International Civil Aviation Organization):	Not regulated as a dangerous good

15 REGULATORY INFORMATION

TSCA Inventory Status:	All components are listed or polymer exempt
SARA 311/312:	Hazard Categories: None
SARA 312:	Toxic chemicals (40 CFR 372) Zinc Compounds >99%
SARA 302:	Extremely Hazardous substances (40 CFR 355) None
PROP 65:	None
DSCL (EEC):	No data available
WHMIS (Canada):	No data available
EU EINECS/ELINCS/NLP:	No data available
China IECSC:	No data available
China IECIC (06.30.2014):	No data available
Australia AICS:	No data available

16 OTHER INFORMATION

Revision Date:	23-Jan-2024
Compliance:	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
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 suitableness & completeness of such information for his own particular use.