

MATERIAL SAFETY DATA SHEET

24 HR. EMERGENCY PHONE # CHEM-TREC 1-800-424-9300

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SECTION 1 Product Identification

CHEMICAL NAME: Zinc 2,2,6,6-tetramethyl-3,5-heptanedionate

CAS #: 14363-14-5

FORMULA: Zn(C₁₁H₁₉O₂)₃

SECTION 2 Composition and Information on Ingredients

INGREDIENT:	CAS #	%	ACGIH (TWA)	OSHA (PEL)
Title Compound	14363-14-5	100	no data	no data

SECTION 3 Hazards Identification

EMERGENCY OVERVIEW: Dust may be irritating to skin, eyes and mucous membranes. May be harmful if swallowed.

PRIMARY ROUTES OF EXPOSURE: Ingestion, inhalation

EYE CONTACT: May cause immediate or delayed severe eye irritation.

SKIN CONTACT: May produce irritation or contact dermatitis. Prompt and thorough washing with soap and water will reduce or eliminate potential dermal effects.

INHALATION: Inhalation of dust or particules may irritate the respiratory tract.

INGESTION: If solubilized, Zinc compounds give a harsh metallic taste and may cause nausea and vomiting.

SECTION 4 First Aid Measures

EYE EXPOSURE: Immediately flush the eyes with copious amounts of water for at least 15 minutes. Assure flushing under eyelids. A victim may need assistance in keeping their eyelids open. Get immediate competent medical attention.

SKIN EXPOSURE: Wash affected area with water. Remove contaminated clothes if necessary. Seek medical assistance if irritation persists.

INHALATION: Remove the victim to fresh air. Closely monitor the victim for signs of respiratory problems, such as difficulty in breathing, coughing, wheezing, or pain. In such cases seek immediate medical assistance.

INGESTION: Seek medical assistance immediately. Keep the victim calm. Give the victim water (only if conscious). Induce vomiting only if directed by medical personnel.

SECTION 5**Firefighting Measures**

FLASH POINT: not available

AUTO IGNITION TEMPERATURE: not determined

EXPLOSION LIMITS: no data

EXTINGUISHING MEDIUM: Water spray, foam, carbon dioxide, dry chemical

SPECIAL FIREFIGHTING PROCEDURES: If involved in a fire, fire fighters should be equipped with a NIOSH approved positive pressure self-contained breathing apparatus and full protective clothing.

HAZARDOUS COMBUSTION AND DECOMPOSITION PRODUCTS: If involved in a fire this material may emit toxic and corrosive fumes.

UNUSUAL FIRE OR EXPLOSION HAZARDS: Irritating fumes and organic acid vapors may develop when material is exposed to elevated temperatures or open flame.

SECTION 6**Accidental Release Measures**

SPILL AND LEAK PROCEDURES: Small spills can be mixed with vermiculite, sodium carbonate or other suitable non combustible adsorbent and swept up.

SECTION 7**Handling and Storage**

HANDLING AND STORAGE: Store material in a tightly sealed container in a cool, dry place.

SECTION 8**Exposure Controls and Personal Protection**

EYE PROTECTION: Always wear approved safety glasses w/side shields, or safety goggles, face shield when handling a chemicals substance in the laboratory.

SKIN PROTECTION: Chemical-resistant.

VENTILATION: If possible, handle the material in an efficient fume hood.

RESPIRATOR: If in form of fine dust and ventilation is not available a respirator should be worn. The use of respirators requires a Respirator Protection Program to be in compliance with 29 CFR 19-10.134.

SECTION 9**Physical and Chemical Properties**

COLOR AND FORM: white xtl.

MOLECULAR WEIGHT: 431.93

MELTING POINT (DEG. C.): none

BOILING POINT: dec 250°C

VAPOR PRESSURE: no data

SPECIFIC GRAVITY: no data

SOLUBILITY IN WATER: Insoluble

SECTION 10**Stability and Reactivity**

STABILITY: Stable

HAZARDOUS POLYMERIZATION: no hazardous polymerization

CONDITIONS TO AVOID: Material decomposes slowly in contact with water
INCOMPATIBILITY: Oxidizing agents.
DECOMPOSITION PRODUCTS: Organic acid vapors and zinc oxide fumes.

SECTION 11 Toxicological Information

RTECS DATA: No information available
MUTAGENIC EFFECTS: no data
TETRAOGENIC EFFECTS: no data
CARCINOGENIC EFFECTS: no data

To the best of our knowledge the toxicological effects of this compound have not been fully investigated.

SECTION 12 Ecological Information

ECOLOGICAL INFORMATION: No information available

SECTION 13 Disposal Considerations

DISPOSAL: Dispose of in according to local state and federal regulations.

SECTION 14 Transportation Information

Non-hazardous

Non-hazardous

SECTION 15 Regulatory Information

TSCA: Not listed in the TSCA inventory
SARA (TITLE 313): Title compound : See category N982 for reporting.

SECTION 16 Other Information

DISCLAIMER: The information herein is believed to be accurate and reliable as of the date compiled. However, ProChem, Inc. makes no representation, warranty, or guarantee of any kind with respect to the information in this document or any use of the product based on the information.

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