SAFETY DATA SHEET: ZINC ACETATE

1. IDENTIFICATION

Product Name: ZINC ACETATE

Synonyms: Acetic acid zinc salt dihydrate; Zinc diacetate

Formula and Formula Weight: Zn(C2H3O2)2·2H2O 219.50

Integra numbers beginning with: Z161.10

Recommended Use: Commercial/industrial use

Restrictions on Use: No information available

INTEGRA Chemical Company
24 Hour Emergency Response: CHEMTREC 800-424-9300 (Outside USA 703-527-3887)
1216 6th Ave N
Kent WA 98032
Phone: 253-479-7000

2. HAZARDS IDENTIFICATION

OSHSA Classification: Hazard Category: Hazard Statement:
Acute Toxicity - Oral 4 Harmful if swallowed.
Eye Damage/Irritation 2A Causes serious eye irritation.

Signal Word: Warning

Precautionary Statements
Prevention: Wash thoroughly after handling.
Do not eat, drink or smoke when using this product.
Wear eye protection, face protection.

Response
If swallowed: Rinse mouth. Call a poison center, doctor if you feel unwell.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice, attention.

Disposal
Dispose of contents, container in accordance with all governmental regulations.

Hazards Not Otherwise Classified: No information available

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component Synonyms % Weight
Zinc acetate Acetic acid zinc salt dihydrate; Zinc diacetate 100

4. FIRST AID MEASURES

Inhalation: Remove person to fresh air.
Eye Contact: Flush eyes with water for at least 15 minutes. Remove contact lenses, if present and easy to do. If irritation persists, seek medical attention.
Skin Contact: Flush skin with plenty of water. Seek medical attention.
Ingestion: If conscious, rinse mouth and give victim large amounts of water. Seek medical attention.

Additional notes: Symptoms and effects include skin, eye, respiratory tract irritation; nausea, vomiting.

5. FIRE-FIGHTING MEASURES

Extinguishing Media: Material is not flammable. Use extinguishing media suitable to surrounding materials.
Special Equipment and Precautions: Use water to cool nearby containers and structures. Wear full protective equipment, including suitable respiratory protection.
Specific Hazards: As with most organic solids, combustion is possible at elevated temperatures.
Hazardous combustion products: Oxides of carbon. Zinc oxide or zinc oxide fumes, above temperatures of 800°C

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures: Prevent spread of spill. Wear suitable protective equipment. Sweep or scoop into clean, dry disposal container. Flush spill area with water.

7. HANDLING AND STORAGE

Incompatible Materials: Incompatible with strong oxidizers. Zinc salts, oxalates, phosphates, sulfides, alkalis & their carbonates
Storage and Handling: Store in a cool, dry, well-ventilated area away from incompatible materials. Keep containers tightly closed and protect them from physical damage.
Wash thoroughly after handling.
8. PHYSICAL AND CHEMICAL PROPERTIES

Vapor Pressure: Not available
Odor: Slight odor of acetic acid
Odor Threshold: Not available
pH: about 5-6
Melting/Freezing Point: 237 °C
Initial Boiling Point and Boiling Range: Not available
Flash Point: Not available
Evaporation Rate: Not available
Flammability: Not flammable
Flammable or Explosive: Upper: Not available
 Limits (% by volume in air) Lower: Not available
Vapor Pressure: Not available
Vapor Density: Not available
Relative Density: 1.74 Water=1
Solubility: Soluble in water
Partition Coefficient: n-octanol/water Not available
Auto-Ignition Temperature: Not available
Decomposition Temperature: Not available
Viscosity: Not available

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White crystals or powder
Odor: Slight odor of acetic acid
Odor Threshold: Not available
pH: about 5-6
Melting/Freezing Point: 237 °C
Initial Boiling Point and Boiling Range: Not available
Flash Point: Not available
Evaporation Rate: Not available
Flammability: Not flammable
Flammable or Explosive: Upper: Not available
 Limits (% by volume in air) Lower: Not available
Vapor Pressure: Not available
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Relative Density: 1.74 Water=1
Solubility: Soluble in water
Partition Coefficient: n-octanol/water Not available
Auto-Ignition Temperature: Not available
Decomposition Temperature: Not available
Viscosity: Not available

10. STABILITY AND REACTIVITY

Reactivity: No information available
Stability: Stable
Possibility of Hazardous Reactions: Hazardous polymerization will not occur
Conditions to Avoid: Heat, sparks and open flame.
Incompatibles: Incompatible with strong oxidizers. Zinc salts, oxalates, phosphates, sulfides, alkalis & their carbonates
Decomposition Products: Oxides of carbon. Zinc oxide or zinc oxide fumes, above temperatures of 800°C

11. TOXICOLOGICAL INFORMATION

Effects of Over Exposure:
Inhalation: May be harmful if inhaled. May cause irritation to the respiratory tract. Symptoms include coughing, sore throat and shortness of breath.
Skin Contact: Causes skin irritation.
Eye Contact: Contact may be irritating to the eyes.
Ingestion: May be harmful if swallowed. Irritates mucous membranes, may cause stomach cramps, stricture of the esophagus, nausea, vomiting.
Chronic Effects: None identified
Target Organs: None identified
Additional Effects: May aggravate pre-existing skin conditions, respiratory conditions
Reproductive Effects: None identified
Carcinogenicity: None identified

Toxicity Data:
Zinc acetate LD50 (oral, rat) 794 mg/kg

12. ECOLOGICAL INFORMATION

Aquatic Toxicity Data:
Zinc acetate LC50 Oncorhynchus mykiss: 0.55 mg/L - 9

Terrestrial Toxicity Data:
Zinc acetate No information available

Persistence and degradability: No information available
Bioaccumulative potential: No information available
Mobility in soil: No information available
16. OTHER INFORMATION

OSHA SDS #: 26666 rev 101 3/27/2015

NE = Not established, NA = Not applicable or Not available

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***** END OF SDS *****