

MATERIAL SAFETY DATA SHEET (MSDS)

SECTION 1: PRODUCT IDENTIFICATION

SECTION 2: HAZARDS IDENTIFICATION

Classification: Not classified as hazardous

GHS Pictograms: None

Signal Word: Warning

Hazard Statements: May cause eye irritation. May cause respiratory irritation if inhaled as dust.

Precautionary Statements: Avoid breathing dust. Wear protective gloves/eye protection.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Composition: Zinc (Zn) EDTA Chelated: 12%

SECTION 4: FIRST AID MEASURES

Inhalation: Remove person to fresh air. If symptoms persist, seek medical attention.

Skin Contact: Wash with water and soap. Seek medical attention if irritation develops.

Eye Contact: Rinse immediately with plenty of water for at least 15 minutes. Seek medical attention.

Ingestion: Rinse mouth. Do NOT induce vomiting. Seek medical attention.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Use water spray, dry chemical, foam, or CO₂.

Specific Hazards: May emit toxic fumes when heated to decomposition.

Protective Equipment for Firefighters: Wear self-contained breathing apparatus and protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid breathing dust. Wear appropriate PPE.

Environmental Precautions: Prevent entry into waterways.

Methods for Cleanup: Sweep up and collect in appropriate containers.

SECTION 7: HANDLING AND STORAGE

Handling: Handle in accordance with good industrial hygiene practices.

Storage: Store in cool, dry area. Keep containers tightly closed.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits: No specific limits established.

Engineering Controls: Provide adequate ventilation.

Personal Protective Equipment: Eyes: Safety glasses. Skin: Protective gloves. Respiratory: Dust mask if needed.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Stable under normal conditions

Chemical Stability: Stable under recommended storage conditions

Incompatible Materials: Strong oxidizing agents, strong acids

Hazardous Decomposition Products: Nitrogen oxides, carbon oxides, zinc oxide

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity: Low toxicity. LD50 (oral, rat): >5000 mg/kg

Skin Corrosion/Irritation: Not classified as skin irritant

Serious Eye Damage/Irritation: May cause mild eye irritation

Sensitization: Not a known sensitizer

SECTION 12: ECOLOGICAL INFORMATION

Aquatic Toxicity: May be harmful to aquatic life in high concentrations

Persistence and Degradability: Readily biodegradable

Bioaccumulative Potential: Low potential

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with regulations.

SECTION 14: TRANSPORT INFORMATION

UN Number: Not classified as dangerous goods

Proper Shipping Name: Fertilizer, N.O.S.

Transport Hazard Class: Not regulated

Packing Group: Not applicable

SECTION 15: REGULATORY INFORMATION

Micronutrient fertilizer for agricultural use.

SECTION 16: OTHER INFORMATION

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Disclaimer: The information provided in this Material Safety Data Sheet is correct to the best of our knowledge at the date of publication. This information is designed only as a guide for safe handling, use, storage, transportation, and disposal and should not be considered a warranty or quality specification. The 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 process unless specified in the text.

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