



SAFETY DATA SHEET

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: CP Zinc Chelate

PRODUCT USE: Trace Element for Fertilizers

MANUFACTURER NAME & ADDRESS: Vital Earth/Carl Pool
706 E Broadway
Gladewater, TX 75647

EMERGENCY PHONE NUMBERS: (903) 845-5985 (800) 245-7645

SECTION 2 – HAZARDS IDENTIFICATION

Potential Acute Health Effects: Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name and Synonym

EDTA, Zinc-Disodium complex	-
Trisodium Nitritoltriacetate	Non-hazardous

SECTION 4 – FIRST AID MEASURES

Ingestion: If ingested, dilute by drinking large quantities of water. Seek medical attention.

Inhalation: Remove to fresh air. Seek medical attention if condition persists.

Eyes: Flush eyes with water for at least 15 minutes. Seek medical attention if condition persists.

Skin: Wash with soap and water. Seek medical attention if condition persists.

Notes to Physician: Consult standard literature based on sound judgment of the physician and the individual reactions of the patient.

SECTION 5 – FIREFIGHTING MEASURES

Extinguishing Media: Use media suitable to extinguish source of fire.

Special Firefighting Procedures: Product is not combustible.

Unusual Fire and Explosion Hazards: During extremely high temperatures fire conditions, the product may reach melting point and decompose to release NH₃, SO_x, PO_x, or CN.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Environmental Precautions: Keep out of water supplies, lakes, ponds, streams, and rivers. This product is a fertilizer and may promote algae growth.

Steps to be taken in case material is released or spilled: Keep from entering waterways. Sweep up material and place in suitable container for use as a fertilizer or for disposal

SECTION 7 – HANDLING AND STORAGE MEASURES

Handling: Prevent spillage and separate from strong oxidizers. Use normal safety procedures and good personal hygiene. Normal precautions common to good manufacturing practice should be followed. Wash hands with soap and water after handling product. Avoid inhalation or contact with skin, eyes, or clothing. Keep out of lakes, streams or ponds.

Storage: Keep out of reach of children and animals. If containerized, store in a cool, dry area in closed container or package. Keep away from feed or foodstuffs.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use adequate ventilation to keep the airborne concentrations of this material below the recommended exposure standard.

Personal Protective Equipment:

Eyes and Face: In dusty conditions, safety glasses with side shields or goggles may be necessary.

Skin: No special protective clothing is necessary under normal use conditions. Gardening gloves are suggested for repeated handling of soils products. Fertilizer applications should wear long-sleeved shirt, long pants, shoes and socks.

Respiratory: No special respiratory protection is required under normal use conditions. However, if operating conditions create high airborne concentrations of product, a dust mask, or other appropriate respiratory protection is recommended.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	Non Applicable	Solubility in Water:	Soluble
Density:	Not Available	%Volatiles (by volume):	Not applicable
Flashpoint:	Non-flammable	Vapor pressure, mm Hg:	Not applicable
pH:	5.0 (1% in water)	Reaction with Water:	None
Appearance:	White odorless crystalline		

SECTION 10 – STABILITY AND REACTIVITY

Conditions to Avoid: Keep away from extremely high temperatures.

Stability: Stable

Incompatibility (Material to Avoid): Strong oxidizing agents. Prolonged contact may cause oxidation of unprotected metals.

Hazardous Decomposition Products: During extremely high temperatures fire conditions, the product may reach melting point and decompose to release NH₃, SO_x, PO_x, or CN.

Polymerization: Will not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION

Routes of Entry: Inhalation. Ingestion.

Toxicity to Animals: LD50: Not available. LC50: Not available.

Chronic Effects on Humans: Not available.

Other Toxic Effects on Humans: Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans: Acute Potential Health Effects: Skin: May cause skin irritation. Eyes: Dust can cause eye irritation. Inhalation: This material is a dust or may produce dust. It may cause respiratory tract irritation. Breathing in small amounts of this material during normal industrial handling is not likely to cause harmful effects. Breathing in large amounts may be harmful. Ingestion: May cause digestive tract irritation. Swallowing small amounts during normal industrial handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. Symptoms of exposure to this material through inhalation or ingestion may include: mouth and throat irritation, scratchy feeling, and coughing.

SECTION 12 – ECOLOGICAL INFORMATION

Product Information: No ecological information is known on the product.

Environmental Precautions: Keep out of water supplies, lakes, ponds, streams, and rivers. This product is a fertilizer and may promote algae growth.

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Method: Pick up with a shovel and broom and use as a fertilizer by applying to soil using good agricultural management.

SECTION 14 – TRANSPORTATION INFORMATION

Shipping Name: Not DOT regulated.

Hazard Class: None

Reportable Quantity (RQ) None

Labels Required: Normal

Placard: None

SECTION 15 – REGULATORY INFORMATION

General Comments: Contact local authorities for proper disposal of large quantities of the unused product.

SECTION 16 – OTHER INFORMATION

MANUFACTURER DISCLAIMER: The information contained herein is, to the best of the Manufacturer's knowledge and belief, accurate and reliable as of the date of the preparation of this document. However, no warranty or guarantee, express or implied, is made as to the accuracy or reliability, and the Manufacturer shall not be liable for any loss or damage arising out of the use thereof. In addition, the Manufacturer shall not be liable for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices or from any hazards inherent in the nature of the product.

Notice: How this product is used is very important and beyond the control of the seller. The buyer assumes all risk for any use beyond those described on the label or for any use under abnormal conditions.