

MATERIAL SAFETY DATA TECHNICAL INFORMATION

**SECTION I  
IDENTIFICATION**

CHEMICAL NAME & SYNONYMS: Soluble Fertilizer  
 CHEMICAL FAMILY: Inorganic Salts  
 PRODUCT USE: FERTILIZER-DRY. FOR FOLIAR OR SOIL APPLICATION.  
 TRADE NAME: **FRIT ZINC 25**  
 DESCRIPTION: 25% Zn

**SECTION II  
CAS & TLV**

| INGREDIENTS  | CAS NUMBER | THRESHOLD LIMIT VALUE      |
|--------------|------------|----------------------------|
| Zinc Sulfate | 7446197    | 10.00 mg Zn/m <sup>3</sup> |
| Citric Acid  | 0077929    | 15.00 mg/m <sup>3</sup>    |

EFFECTS - ACUTE EXPOSURE: Can cause irritation of skin, eyes, and respiratory system.  
 EFFECTS - CHRONIC EXPOSURE: Can cause damage to respiratory system, urinary system, blood system, and reproductive system.

**SECTION III  
NORMAL  
HANDLING  
PROCEDURES**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:  
 PROTECTIVE EQUIPMENT  
     RESPIRATORY PROTECTION: Approved respirator per 29 CGR 1910.134  
     EYES: Goggles  
     GLOVES: Heavy-duty work gloves  
     OTHER: Long-sleeved shirts  
 VENTILATION REQUIREMENTS  
     Adequate to remove dust from the air  
 \* NOTE - Hands, arms and face should be washed prior to eating, drinking, or smoking.

**SECTION IV  
EMERGENCY  
AND FIRST AID  
PROCEDURES**

INHALATION: Remove to fresh air. Seek medical attention if discomfort continues.  
 SKIN: Flush with water. If irritation develops, call physician.  
 EYES: Flush with water for 15 minutes. Seek medical attention if irritation persists.  
 INGESTION: Seek medical attention immediately.

**SECTION V  
FIRE AND  
EXPLOSION  
HAZARD DATA**

**THIS PRODUCT IS NONCOMBUSTIBLE**

This product is not a flammable material.

Special Firefighting Procedures or Fire Hazard: Wear self-contained breathing apparatus approved by NIOSH. Do not wash material into any streams, waterways, drainage ditches or storm sewers, etc. Impound liquids used in firefighting to prevent entry into streams, ditches, sewers, etc.

**SECTION VI  
SPILL AND  
LEAKAGE  
PROCEDURES**

Remove All Sources of Ignition: Follow OSHA regulations for respirator use (See 29 CFR 1910.134). Shovel or sweep up and reuse. Use approved liquid spray to reduce dust when sweeping or shoveling.

Waste Disposal Method: Dispose of contaminated product, empty containers and materials used in cleaning up spills and leaks in a manner approved for this Material. Consult appropriate federal, state and local regulatory agencies to ascertain proper disposal procedures.

**SECTION VII  
SHIPPING DATA**

D.O.T. CLASS IF ANY: NA

**SECTION VIII  
REACTIVITY  
DATA**

STABLE: YES                      INCOMPATIBILITY: NONE                      CONDITIONS TO AVOID: Avoid contact with oxidizable materials.

**SECTION IX  
PHYSICAL DATA**

THIS IS A SOLID MATERIAL WHICH IS SOLUBLE IN WATER.  
 COLOR & APPEARANCE: OFF-WHITE POWDER.