

MATERIAL SAFETY DATA SHEET

EDTA MICRO MIX II COMBO

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Issue Date: 1/24/2014

Section 1. PRODUCT AND COMPANY IDENTIFICATION

Chemical Product

EDTA MICRO MIX II COMBO

Chemical Description:

TSCA/CAS NO.: This product is a mixture – there is no specific CAS number.

Zn – 1314-13-2F, Fe – 10421-48-4, Mn – 1344-43-0, Ca – 1317-65-3, B – 10043-35-3

Manufactured By

TEVA Corporation

6100 St Hwy 77

Benton, MO 63736

Emergency Phone Numbers

Emergency Telephone: (573)-225-2400

CHEMTREC (24 Hour Emergency Number): (800) 424-9300

EPA NATIONAL RESPONSE CENTER: (800) 424-8802

SECTION 2. HAZARDOUS INGREDIENTS

CHEMICAL	CAS NO.	%	TLV OR PEL	RQ (lbs)
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None.

SECTION 3. EMERGENCY/HAZARDS OVERVIEW

Clear liquid with no odor. May cause eye or skin irritation. May be harmful if ingested. Carbon monoxide and nitrate fumes may form from burning. Not D.O.T. regulated.

HEALTH: 1 REACTIVITY: 0 FLAMMABILITY: 0 ENVIRONMENT: 1

(0= INSIGNIFICANT 1=SLIGHT 2=MODERATE 3=HIGH 4=EXTREME)

SECTION 4. FIRST AID

Eyes: Rinse eyes with plenty of running water for at least 15 minutes. Get medical attention if irritation persists.

Skin: Wash thoroughly with soap and water. Remove contaminated clothing and wash before reuse. See a physician if skin becomes irritated.

Ingestion: If conscious and alert, drink water or milk to dilute, and then induce vomiting. Call a physician or Poison Control Center immediately.

Inhalation: Move to fresh air. If not breathing give artificial respiration. If breathing becomes difficult, call a physician.

SECTION 5. FIRE AND EXPLOSION HAZARDS

Flash Point:	Does not flash.
Test Method:	Not available.
LEL Flammable Limits:	Not available.
UEL Flammable Limits:	Not available.
Auto Ignition Temperature:	Not available.
Flammability Classification:	Nonflammable.
Known Hazardous Products of Combustion:	Not known.
Properties that Initiate/Contribute to Intensity of Fire:	Not known.
Potential For Dust Explosion:	None.
Reactions that Release Flammable Gases or Vapors:	Not known.
Potential For Release of Flammable Vapors:	Not known.
Unusual Fire & Explosion Hazards:	None.
Extinguishing Media:	Foam, carbon dioxide, dry chemical or water fog.
Special Firefighting Procedures:	Wear positive pressure, self contained breathing apparatus and goggles. Avoid smoke inhalation. Contain any liquid runoff.

SECTION 6. SPILLS AND LEAKS

Containment:	Prevent product spillage from entering drinking water supplies or streams.
Clean Up:	Collect liquid or absorb onto absorbent material and package for disposal.
Evacuation:	Not necessary.

SECTION 7. STORAGE AND HANDLING

Storage:	Store in original container only in a cool, well ventilated, dry place at temperatures between 40°F and 95°F. Do not store near food or feeds. Do not stack pallets more than two (2) high.
Transfer Equipment:	Transfer product using chemical resistant plastic or stainless steel tanks, pumps, valves, etc.
Work/Hygienic Practices:	Keep out of reach of children. Avoid contact with eyes, skin and clothing. Avoid inhalation of spray mists. Wash thoroughly with soap and water after handling.

SECTION 8. PERSONAL PROTECTIVE EQUIPMENT

Eyes:	Chemical dust/splash goggles or full face shield to prevent eye contact. As a general rule, do not wear contact lenses when handling.
Skin:	Impervious gloves and clothes.
Respiratory:	Not normally needed. If use generates an aerosol mist or respiratory irritation, use NIOSH approved dust/mist respirator (such as 3M #8710).

Ventilation: Recommended but no TLV established.

SECTION 9. PHYSICAL AND CHEMICAL DATA

Appearance: Blackish brown.
Odor: Slight ammonia odor.
pH: 7.5 – 8.5.
Vapor Pressure: Same as water.
Vapor Density (Air=1): Same as water.
Boiling Point: 220°F.
Freezing Point: Not available. Protect from weather
Water Solubility: Completely miscible.
Density: 9.0 lbs/gal.
Evaporation Rate: Same as water.
Viscosity: 1.080.
% Volatile: About 60% as water.
Octanol/Water Partition Coefficient: Not available.
Saturated Vapor Concentration: Not available.

SECTION 10. STABILITY AND REACTIVITY

Stability: Stable.
Conditions To Avoid: Not available.
Incompatibility: Not available.
Hazardous Decomposition Products: Decomposition of dry material – carbon dioxide, carbon monoxide and nitrogen oxides.
Hazardous Polymerization: Will not occur.

SECTION 11. POTENTIAL HEALTH EFFECTS

Acute Effects:

Eyes: May cause temporary eye irritation.
Skin: Slight irritant, especially from prolonged exposure. May cause redness.
Ingestion: May cause stomach cramps and/or nausea.
Inhalation: None expected but inhalation may cause mild irritation of nasal mucous membranes.

Subchronic Effects: None known.

Chronic effects: None known.

SECTION 12. ECOLOGICAL INFORMATION

Algal/Lemna Growth Inhibition: Not known.
Toxicity to Fish and Invertebrates: Not known.
Toxicity to Plants: Not known.
Toxicity in Birds: Not known.

SECTION 13. DISPOSAL

Do not contaminate lakes, streams, ponds, estuaries, oceans or other waters by discharge of waste effluents or equipment washwaters. Dispose of waste effluents according to state and local regulations. Also, chemical additions or other alterations of this product may invalidate any disposal information in this MSDS. Therefore, consult local waste regulators for proper disposal. Do not discharge.

SECTION 14. TRANSPORTATION

D.O.T.: Not D.O.T. regulated.
Other Shipping Description: Fertilizing Compounds (Manufactured), Liquid. NMFC Item 68140 Sub 6, LTL Class 70.

SECTION 15. REGULATORY INFORMATION

CERCLA: None.
SARA TITLE III, SECTION 313 TOXIC CHEMICALS: Zinc compounds (9.0%)
PROPOSITION 65 (CA): WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

SECTION 16. OTHER

While the information contained herein is based on data considered accurate and was compiled to comply with the Federal Hazard Communication Standard and the California Hazardous Substances Information and Training Act, it is provided for guidance only. TEVA Corporation does not guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations; in so doing, user assumes all risk in use of the material. The information contained herein is not to be taken as a warranty or representation for which TEVA Corporation assumes legal responsibility.