

Material Safety Data Sheet

Martrex, Inc.
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1. CHEMICAL IDENTIFICATION

CHEMICAL NAME: EDTA Iron 13%

CAS NO: 15708-41-5

CHEMICAL DESCRIPTION: Soluble metal complex of iron monosodium ethylenediaminetetraacetate (FeNaEDTA).

2. PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Not normally needed. If use generates an aerosol mist or respiratory irritation, use NIOSH-approved dust/mist respirator (such as 3M #8710).

EYE PROTECTION: Chemical dust/splash goggles or full-face shield to prevent eye contact. As a general rule, do not wear contact lenses when handling.

SKIN PROTECTION: Impervious gloves and clothes.

VENTILATION: Recommended but no TLV established.

3. POTENTIAL HEALTH EFFECTS

ACUTE EFFECTS:

EYES: Slight irritant. May cause redness.

SKIN: Slight irritant, especially from prolonged exposure. May cause redness.

INGESTION: May cause stomach cramps and/or nausea.

INHALATION: May cause some respiratory irritation.

SUBCHRONIC EFFECTS: None known.

CHRONIC EFFECTS: None known.

4. FIRST AID MEASURES

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

EYES: Flush immediately with water for at least 15 minutes. Call a physician immediately if eye irritation occurs.

INHALATION: Move to fresh air. If breathing becomes difficult, call a physician.

INGESTION: Consult a physician. Never give anything by mouth to an unconscious person.

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5. HAZARDOUS INGREDIENTS

<u>CHEMICAL</u>	<u>CAS NO.</u>	<u>%</u>	<u>TLV OR PEL</u>	<u>RQ (LBS)</u>
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None.

*N.A. – Not Available.

*N.P. – Not Pertinent.

6. EMERGENCY/HAZARDS OVERVIEW

Green granules with slight odor. Slight irritant to eyes and skin. Contain any liquid runoff. Not a D.O.T. regulated hazardous material.

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

(0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme)

7. PHYSICAL DATA

APPEARANCE: Green granules.

ODOR: Slight odor

pH: Not available.

BOILING POINT (°F): Not available.

FREEZING POINT (°F): Not available.

VAPOR PRESSURE: Not available.

VAPOR DENSITY (Air = 1): Not available.

VISCOSITY: Not available.

% VOLATILE: Not available.

DENSITY: Not available.

SOLUBILITY IN WATER: Soluble.

EVAPORATION RATE: Not available.

OCTANOL/WATER PARTITION COEFFICIENT: Not available.

SATURATED VAPOR CONCENTRATION: Not available.

8. REACTIVITY

STABILITY: Stable.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Avoid wet humid conditions.

INCOMPATIBILITY: Strong oxidants and alkalines.

HAZARDOUS DECOMPOSITION PRODUCTS: No decomposition expected

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9. FIRE AND EXPLOSIONS HAZARDS

FLASH POINT: Not applicable.

TEST METHOD: Not applicable.

LEL FLAMMABLE LIMITS: Not applicable.

UEL FLAMMABLE LIMITS: Not applicable.

EXTINGUISHING MEDIA: Water spray or fog. Product may smolder if ignited.

SPECIAL FIRE FIGHTING PROCEDURES AND PRECAUTIONS: Wear positive pressure, self-contained breathing apparatus and goggles. Contain any liquid runoff.

AUTOIGNITION TEMPERATURE: Not pertinent.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None.

FLAMMABILITY CLASSIFICATION: Noncombustible.

KNOWN HAZARDOUS PRODUCTS OF COMBUSTION: Oxides of carbon and nitrogen. Heavy metal fumes.

PROPERTIES THAT INITIATE/CONTRIBUTE TO INTENSITY OF FIRE: None.

POTENTIAL FOR DUST EXPLOSION: None.

REACTIONS THAT RELEASE FLAMMABLE GASES OR VAPORS: Not known.

POTENTIAL FOR RELEASE OF FLAMMABLE VAPORS: None.

10. 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.

11. STORAGE AND SPECIAL PRECAUTIONS

STORAGE: Store in plastic or stainless steel container in a cool, well-ventilated, dry place at temperatures above 40°F. Prolonged storage at elevated temperatures should be avoided. Avoid contact with aluminum, copper, copper alloys, nickel and zinc. Do not store near food or feeds. Do not stack pallets more than two (2) high.

TRANSFER EQUIPMENT: Handle this material with tools and equipment, which are nonreactive such as 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

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12. 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.

13. TRANSPORTATION REQUIREMENTS

DOT SHIPPING DESCRIPTION: Not DOT regulated.

OTHER SHIPPING DESCRIPTION: Fertilizing Compounds (Manufactured), Dry. NMFC Item 68140 Sub 4, LTL Class 60

14. SARA TITLE III INFORMATION

CERCLA: None

SARA TITLE III, SECTION 313 TOXIC CHEMICALS: None.

PROPOSITION 65: Warning: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

15. EMERGENCY ACTION - SPILL OR LEAK

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.

16. OTHER

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