



RNZ INTERNATIONAL FZE

P.O. Box 44660
Dubai
United Arab Emirates

Phones : (+9714) 8894400
Fax : (+9714) 8894940
E-mail : rnz@rnz-group.com

MATERIAL SAFETY DATA SHEET FERRIC SODIUM EDTA

SECTION 1 - CHEMICAL PRODUCT AND COMPANY INFORMATION

Company Name: Shijiazhuang Jackchem Co., Ltd
Address: Douyu Industrial Park, Luancheng County, Hebei Province, China
Contact Information: Tel: 0086-311-84632743 Fax: 0086-311-84636311
Synonyms: Ethylenediaminetetraacetic acid Ferric sodium salt.
CAS #: 15708-41-5
DOT Hazard Class: Not Regulated

SECTION 2 - COMPOSITION AND INFORMATION ON INGREDIENTS

99% EDTA Acid Ferric Salt.

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Off yellow to yellow powder which presents little or no health hazard and no unusual hazard if involved in a fire.

POTENTIAL HEALTH EFFECTS:

Skin: May cause skin irritation.

Eyes: May cause irritation or burning.

Inhalation: May cause irritation to the respiratory tract.

Ingestion: Not a hazard in normal industrial usage.

CARCINOGENICITY: Not Identifiable.

SECTION 4 - FIRST AID MEASURES

Eyes: Immediately flush eyes with plenty of water for 15 minutes, holding eyelids apart.

Skin: Immediately wash skin with soap and water for at least 15 minutes.

Inhalation: Remove to the fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

Ingestion: Wash out mouth with water.

With All of The Above: Consult a physician if symptoms persist.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point: Non Combustible

Flammable Limits: Non Combustible

Extinguishing Media: Use media that is appropriate to treat surrounding fire.

Special Fire Fighting Procedures: Use fire fighting procedure that is appropriate to treat surrounding fire.

All firefighters should use self-contained breathing apparatus and full fire-fighting turn-out gear.

Unusual Fire Explosion Hazard: May produce toxic fumes upon decomposition.

Auto Ignition Temperature: Not Applicable

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Isolate hazard area and deny entry to unnecessary or unprotected personnel.

Contain spill, sweep up, collect and place in a disposal container. Avoid runoff into storm sewers and

ditches which lead to waterways.

SECTION 7 - HANDLING AND STORAGE

Avoid contact with skin, eyes and clothing. Use with adequate ventilation. Avoid breathing dust. Use normal personal hygiene and housekeeping. Store in cool dry area away from other incompatible materials. Product is slightly hygroscopic and should be stored in a dry area to prevent moisture pick up and caking.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

RESPIRATORY PROTECTION: Use NIOSH/MSHA approved respirators.

VENTILATION REQUIREMENTS: Ventilate as necessary to eliminate dust from the work area and maintain concentrations below the limit.

SKIN AND EYE PROTECTION: Use rubber or neoprene gloves, chemical goggles and clothing sufficient to protect skin from dust.

WORK, HYGIENIC PRACTICES: As required to protect skin and eyes from dust, safety showers and/or eye wash should be available. Do not leave food or smoke in work area. Wash thoroughly and remove or clean any contaminated clothing.

EXPOSURE LIMITS: None Established

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: Not Applicable

Vapor Pressure (MM Hg): Not Applicable

Vapor Density (AIR=1): Not Applicable

Specific Gravity (H₂O=1): Not Applicable

Percent Volatile by Volume (%): Not Applicable

Melting Point: Approximately 80 °C

Evaporation Rate (Butyl Acetate=1): Not Applicable

Solubility in Water: Moderate (1-10%)

PH: 4.5-5

SECTION 10 - STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under normal temperatures and pressures.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: Nitrous vapors may be produced.

KEEP AWAY FROM: Avoid contact with Aluminum, Zinc, Copper. Avoid accumulation of electrostatic charges during the pouring of great amounts.

SECTION 11 - TOXICOLOGICAL INFORMATION

LD₅₀/Oral Rats > 5000 mg/kg

SECTION 12 - ECOLOGICAL INFORMATION

Not Available

SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of in accordance with all federal, state and local regulations.

RCRA WASTE #: Not Listed

SECTION 14 - TRANSPORTATION INFORMATION

*D.O.T. SHIPPING NAME: Ferric Disodium EDTA

SECTION 15 - REGULATORY INFORMATION

OSHA STATUS: Not listed

TSCA STATUS: Not Listed

CERCLA REPORTABLE REQUIREMENTS: (RQ) None

SARA TITLE III INFORMATION:

Section 302 Extremely hazardous Substance: Unlisted

Section 313 Toxic Chemicals: Not listed

Section 311/312 Hazard Category: Not considered a Hazard

SECTION 16 - OTHER INFORMATION

Reason for Issue: Changed Date

This information is given without any warranty or representation. It is believed to be correct but does not claim to be all inclusive and shall be used only as a guide. Shijiazhuang Jackchem Co., Ltd shall not be held liable for any damage resulting from handling or contact with the above product. It is offered solely for your consideration, investigation and verification.

END OF MSDS
