

ZAOZHUANG KERUI CHEMICALS CO.,LTD

Factory add: Xiazhuang Industrial Graden, Xuecheng District, Zaozhuang City, Shandong Province, China

Tel: +86-632-3671188 Fax: +86-632-3671189

MATERIAL SAFETY DATA SHEET

Section 1. Chemical identification

Producer: ZAOZHUANG KERUI CHEMICALS CO., LTD

TEL: +86-632-3671188

FAX: +86-632-3671189

Mobile: +86-13127237566

E-mail: export@krchemical.com

Web: www.krchemical.com

ADD: Room 610, No.30, Long tou Road, Shizhong District, Zaozhuang City, Shandong Province, P. R. China

Section 2. Composition / Information on Ingredients

Name	CAS No.	PERSENTAGE
EDTA-2Na		
Ethylene diamine tetraacetic acid tetrasodium salt	6381-92-6	99.0%min

Section 3. HAZARDS IDENTIFICATION

Emergency Overview

WARNING MAY BE HARMFUL IF SWALLOWED OR INHALED. MAY CAUSE IRRITATION TO SKIN AND RESPIRATORY TRACT. CAUSES EYE IRRITATION.

Health Rating: 1-Slight

Flammability: 1-Slight

Reactivity Rating: 0-None

Contact Rating: 1-Slight

Lab Protective Equip: GOGGLES, LAB COAT

Storage Color Code: Orange(General Storage)

Potential Health Effects:

There is insufficient data in the published literature to perform a complete hazard evaluation for this product. Special precautions must be used in storage, use and handling. Protective equipment should be chosen using professional judgment.

Inhalation

Mild irritant. Symptoms may include coughing on sneezing. May cause irritation to the respiratory tract.

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Substance has low toxicity by ingestion. Large amount may cause gastric upset due to osmotic imbalance through the sequestering of metal ions.

Skin Contact:

Mild irritant. Symptoms may include reddening or inflammation on prolonged contact.

Eye Contact:

Causes irritation. Solutions are severe irritants to the eye and cause pain, blurred vision.

Chronic Exposure:

No information found.

Aggravation of Pre-existing Conditions:

No information found.

Section 4. FIRST AID MEASURES

Inhalation:

If inhaled, remove to fresh air. If not, breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Skin Contact:

Remove any contaminated clothing. Wash skin with soap or mild detergent and water for at least 15 minutes. Get medical attention if irritation develops or persists. Wash clothing before re-use.

Eye contact:

Immediately flush eyes with plenty of water for at least 15 minutes. Lifting lower and upper eyelids occasionally. Get medical attention immediately.

Section 5. FIRE FIGHTING MEASURES

Fire:

Not considered to be a fire hazard.

Explosion:

Not considered to be an explosion hazard.

Fire Extinguishing Media:

Use any means suitable for extinguishing surrounding fire.

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full-face piece operated in the pressure demand or other positive pressure mode.

Section 6. ACCIDENTAL RELEASE MEASURES

Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Spills: Pick up and place in a suitable container for reclamation or disposal, using a method that does not generate dust.

Section 7. HANDLING AND STORAGE

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product.

Section 8. EXPOSURE CONTROLS PERSONAL PROTECTION

Airborne Exposure Limits.

-OSHA Permissible Exposure Limit (PEL);

15mg/m³ total dust, 5mg/m³ respirable fraction for nuisance dust;

-ACGIH Threshold Limit Value (TLV);

10mg/m³ total dust containing no asbestos and <1% crystalline silica for Particulates Not Otherwise Classified (PNOC).

Ventilation System:

A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document. Industrial Ventilation, A Manual of Recommended Practices, most recent edition for details.

Personal Respirators (NIOSH Approved)

If the exposure limit is exceeded and engineering controls are not feasible, a half

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ten times the exposure limit or the maximum use concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lowest. A full-face piece particulate respirator (NIOSH type N100 filters) may be worn up to 50 times the exposure limit, or the maximum use concentration specified consignments of instances where the exposure levels are not known, use a full-face piece positive-pressure, air-supplied respirator. **WARNING:** Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.

Skin Protection:

Wear protective gloves and clean body-covering clothing.

Eye Protection:

Use chemical safely goggles. Maintain eye wash fountain and quick-drench facilities in work area.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White powder

Odor: Odorless

Solubility: Soluble in water

Specific Gravity: No information found

PH: 1% soln-11.3

% Volatiles by volume @ 21C (70F):0

Boiling Point: No information found

Melting Point: No information found

Vapor Density (Air-1): No information found

Vapor Pressure (mco Hg): No information found

Evaporation Rate (Bu^Λc=1): No information found

Section 10. STABILITY AND REACTIVITY

Stability: Stable under ordinary conditions of use and storage.

Hazardous Decomposition Producers: Burning may produce carbon monoxide, carbon dioxide, nitrogen oxides.

Hazardous Polymerization: Will not occur.

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Conditions to Avoid: No information found

Section 11. TOXICOLOGICAL INFORMATION

-Cancer Lists	---NIP Carcinogen---		
Ingredient	Known	Anticipated	IARC Category
Ethylenediaminetetraacetic Acid	No	No	None

Section 12. ECOLOGICAL INFORMATION

Environmental Fate: No information found

Environmental Toxicity: No information found

Section 13. DISPOSAL CONSIDERATIONS

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unusual contents in accordance with federal, state and local requirements.

Section 14. TRANSPORT INFORMATION

The data provided in this section is for information only. Please apply the appropriate regulations to properly classify your shipment for transportation.

US DOT

Other: Not regulated for transport.

Canadian TDG

Other: Not regulated for transport.

ICAO/IATA Class

Other: Not regulated for transport.

Section 15. REGULATORY INFORMATION

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Irritating to eyes, respiratory system and skin.

In case of contact with eyes, risen immediately with plenty of water and seek medical advice.

Wear suitable protective clothing.

Reviews, standards, and regulations

EPA FIFRA 1988 pesticide subject to registration or re-registration

FEREAC 54,7740,1989

NOHS 1974: HZD 80283; NIS 122; TNF 12157; NOS 93; TNE 121906

NOES 1983: HZD 80283; NIS 119; TNF 14680; NOS 116; TNE 509055; TFE

315637

EPA TSCA section 8(B) chemical inventory

EPA TSCA section 8(D) unpublished health/safety studies

EPA TSCA test submission (TSCATS) data base, October 2000

Section 16. OTHER INFORMATION

Disclaimer:

Our company provides this EDTA.NA2 MSDS information in good faith but makes no representation as to its comprehensiveness or accuracy. This EDTA.NA2 MSDS sheet is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

枣庄科瑞化工进出口有限公司
ZAOZHUANG KERUI CHEMICALS CO., LTD
张联凤