



The Science of Success:
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SAFETY DATA SHEET

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EDTA 4NA

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : EDTA 4NA
PRODUCT USE : Organic Chelating Agent
PRODUCT DESCRIPTION : Tetrasodium Salt of Ethylenediamine Tetraacetic Acid.
WHMIS CLASSIFICATION: Not Classified

DISTRIBUTED BY : CESCO SOLUTIONS, INC.
ADDRESS : 2227 Midway Lane, Bellingham, WA 98226

EMERGENCY PHONE : 1-800-424-9300
INFORMATION PHONE : (360) 733-7478

2. HAZARDS IDENTIFICATION

SIGNAL WORD: Warning



HAZARD STATEMENTS: May cause eye irritation.
Repeated or prolonged exposure may produce target organ damage.

POTENTIAL HEALTH EFFECTS

EYES:

Eye irritant, may cause redness, burning or tearing.

SKIN:

None Known.

INGESTION:

No harmful effects reported.

INHALATION:

None Known

MEDICAL CONDITIONS AGGRAVATED:

N/AV

CHRONIC (CANCER) INFORMATION:

There is no data available on the chronic effects of ingestion of this material.

TERATOLOGY (BIRTH DEFECT) INFORMATION:

No Information.

REPRODUCTION INFORMATION:

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No Information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component/Exposure Limits	CAS#	WT%
Ethylenediaminetetraacetic Acid Tetrasodium Salt	10378-23-1	100%

4. FIRST AID MEASURES

EYES:

Wash eyes immediately with plenty of running water for 15-20 minutes, or until no evidence of chemical remains, including under eyelids. Remove any contact lenses at once. Speed in beginning the eye wash is essential if permanent injury is to be avoided. GET MEDICAL ATTENTION IMMEDIATELY.

SKIN:

Flush contaminated skin with water for 15 minutes, or until no evidence of chemical remains. Remove contaminated clothing under the shower immediately. Prolong washing in serious cases until doctor arrives. GET MEDICAL CARE FOR EVIDENCE OF BURNING. If evidence of chemical burn exists, cover with sterile, dry dressing. Bandage securely, but not too tightly.

INGESTION:

No first aid is normally required; however, if swallowed and symptoms develop, GET MEDICAL ATTENTION IMMEDIATELY.

INHALATION:

Remove from exposure to mist. If breathing has stopped, provide artificial respiration. Keep the person warm and at rest. OBTAIN IMMEDIATE MEDICAL ATTENTION.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

FLASH POINT: >200°F Method: Closed Cup

FLAMMABLE LIMITS: Lower: N/A Upper: N/A

HAZARD COMMUNICATION:

OSHA Standard 29CFR 1910.1200 requires that all information be provided to employees regarding the hazards of chemicals by means of a hazard communication program including labeling, material safety data sheets, training and access to written records. We request that you, and it is your legal duty to, make all information in this SDS available to your employees.

HAZARDOUS COMBUSTION PRODUCTS:

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Thermal decomposition products expected to produce carbon monoxide, carbon dioxide and smoke. Nitrous oxides and ammoniacal vapors.

EXTINGUISHING MEDIA:

Dry chemical, carbon dioxide, water spray or foam.

FIREFIGHTING INSTRUCTIONS:

Move containers from fire if possible, cool containers exposed to flames with water from side until well after fire is out.

Do not use water directly on material. If large amounts of combustible material are involved, use water spray or fog in flooding amounts. Solid streams may be ineffective. Use water spray to absorb corrosive vapors. Cool containers with flooding amounts of water from as far a distance as possible, keep upwind. SCBA recommended with a full face piece operated in pressure-demand mode or other positive pressure mode. Wear full protective clothing. Run-off may cause pollution. Dike to contain run-off for proper handling as stated in Section 6.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None Known

SENSITIVE TO STATIC DISCHARGE:

No Information

SENSITIVE TO IMPACT

None known.

6. ACCIDENTAL RELEASE MEASURES

Do not touch spilled material. Stop leak if you can without risk. For SMALL SPILLS cover with sand or other absorbent material. With a clean shovel place all spilled material, contaminated soil and other contaminated material into a clean, dry container and cover for later disposal. Move containers from spill area. For LARGER SPILLS, dike far ahead of spill for later disposal. Keep unnecessary people away. Isolate hazard area and deny entry.

**Using proper tools put the spilled solid in a convenient waste disposal container.

7. HANDLING AND STORAGE

Avoid overheating and freezing. Keep away from heat. Keep away from sources of ignition. Do not ingest. Do not breathe dust. Keep away from incompatibles such as oxidizing agents, metals. Keep container tightly closed. Keep in cool, well ventilated area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

Provide natural or mechanical ventilation to minimize exposure, especially where possibility of mist formation exists. If practical, use local mechanical exhaust ventilation at sources of air contamination such as open process equipment. Consult NFPA Standard 91 for design exhaust systems.

RESPIRATORY PROTECTION:

Use adequate ventilation. Dust respirator should be worn when handling product.

SKIN PROTECTION:

Employee must wear appropriate protective (impervious) clothing and equipment to prevent repeated contact with this substance.

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EYE PROTECTION:

Employee must wear splash proof and dust-resistant safety goggles or face-shield to prevent eye contact with this substance. DO NOT WEAR CONTACT LENSES.

PROTECTIVE GLOVES:

Employee must wear appropriate protective gloves to prevent contact with this substance.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: N/A

APPEARANCE & ODOR: Tetrasodium Salt of Ethylenediamine Tetraacetic Acid.

VAPOR DENSITY: Estimated lighter than air.

STABILITY: This product is stable under normal conditions.

SPECIFIC GRAVITY: 0.77

pH: 10.5 - 11.5 (1% solution)

SOLUBILITY IN WATER: Complete.

VOC: None

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY (CONDITIONS TO AVOID):

Avoid freezing or excessive heat.

INCOMPATIBILITY:

Strong oxidizers, acids and alkalies.

HAZARDOUS DECOMPOSITION PRODUCTS:

Thermal decomposition products expected to produce carbon monoxide, carbon dioxide and smoke. Nitrous oxides and ammoniacal vapors.

HAZARDOUS POLYMERIZATION:

Has not been reported to occur.

11. TOXICOLOGICAL INFORMATION

CHRONIC/CARCINOGENICITY:

N/AV

TERATOLOGY:

N/AV

REPRODUCTION:

N/AV

MUTAGENICITY:

N/AV

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12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION:

The product itself and its products of degradation are not toxic.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD:

Spilled material should be solidified with sand, soil or other absorbent material so that no free liquid remains before disposal. Incineration and/or disposal in chemical land-fill. Disposal must comply with all federal, state and local disposal and discharge laws.

RCRA (RESOURCE CONSERVATION & RECOVERY ACT) REQUIREMENTS:

Not a hazardous waste.

CLEAN WATER ACT REQUIREMENTS:

No information.

14. TRANSPORT INFORMATION

DOT CLASSIFICATION (USA):

No classified. Not a DOT controlled material (United States)

TDG REGULATIONS (CANADA):

Not regulated.

15. REGULATORY INFORMATION:

U.S. FEDERAL REGULATIONS:

SARA TITLE III (SUPERFUND AMENDMENTS & REAUTHORIZATION ACT):

302/304 EXTREMELY HAZARDOUS SUBSTANCES:

The Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III, Section 302 requires notification of the State Emergency Response Commission (SERC) and Local Emergency Planning Committee (LEPC) of the presence of Extremely Hazardous Substances (EHS), 40 CFR 355 Appendix A, in amounts in excess of the threshold planning quantity (TPQ). Section 304 requires notification of SERC and LEPC of releases involving a RQ of an EHS or CERCLA Hazardous Substance. *****NONE*****

311/312 HAZARD CATEGORIES:

This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

*****NONE*****

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313 REPORTABLE INGREDIENTS:

The Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III, requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372 (for SARA 313). This information must be included in all SDS's that are copied or distributed for this material. Refer to Section 3, COMPOSITION/ INFORMATION ON INGREDIENTS, the components that are subject to reporting are designated by an asterisk (*).

TSCA (TOXIC SUBSTANCE CONTROL ACT) STATUS:

All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

RCRA (RESOURCE CONSERVATION & RECOVERY ACT) REQUIREMENTS:

N/AV

INTERNATIONAL REGULATIONS:

CANADIAN WHMIS:

N/AV

STATE REGULATIONS:

16. OTHER INFORMATION

NFPA RATINGS:

HEALTH (H): 1 FIRE (F): 1 REACTIVITY (R): 0

HMIS CODES:

HEALTH (H): 1 FIRE (F): 1 PHYSICAL HAZARD (P): 0

SDS REVISION DATE: November 5, 2020

NAME OF PREPARER: Environmental, Health & Safety Department.

CONTACT PHONE NUMBER: (360) 733-7478

MANUFACTURER DISCLAIMER:

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