



COLUMBUS CHEMICAL INDUSTRIES INC.

P.O. BOX 8
COLUMBUS, WISCONSIN 53925-0008
(920) 623-2140
FAX (920) 623-2577

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200. Standard must be consulted for specific requirements

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (as Used on Label and List)
Edetate Disodium

Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

Section I

Manufacturers /Distributor Address Number Street City State and Zip Code

Columbus Chemical Industries
N4335 Temkin Road
Columbus, Wisconsin 53925

Emergency Telephone Number

CHEMTREC 1 (800) 424-9300

Telephone Number for Information

1-920-623-2140

Date Prepared

06-06-2006

Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Table with 6 columns: Hazardous Components (Specific Chemical Identity, Common Name(s)), CAS #, OSHA PEL, ACGIH TLV, Other Limits Recommended, % (optional). Row 1: Ethylenediaminetetraacetic acid, disodium salt*, 6381-92-6, Not Available, Not Available, Not Available.

*Synonyms: EDTA; (Ethylenedinitrilo)tetraacetic acid, disodium salt; edetate disodium.

Section III - Physical/Chemical Characteristics

Table with 4 columns: Property, Value 1, Property, Value 2. Rows: Boiling Point (Not Available), Specific Gravity (H2O = 1) (Not Available); Vapor Pressure (mm Hg) (Not Available), Melting Point (248 °C (dec)); Vapor Density (AIR = 1) (Not Available), Evaporation Rate (Butyl Acetate = 1) (Not Available).

Solubility in Water

Complete.

Appearance and Odor

White crystals.

Section IV Fire and Explosion Hazard Data

Table with 4 columns: Flash Point (Method Used), Flammable Limits, LEL, UEL. Row 1: None, (blank), Not Applicable, Not Applicable.

Extinguishing Media

Water spray, dry chemical, carbon dioxide, appropriate chemical foam.

Special Fire Fighting Procedures

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Use water spray to keep fire-exposed containers cool.

Unusual Fire and Explosion Hazards

Combustible. May release toxic fumes of carbon monoxide, carbon dioxide and nitrogen oxides.

Section V Reactivity Data

Stability	Unstable		Conditions to Avoid	Strong oxidizing agents, metals.
	Stable	X		

Incompatibility Materials to Avoid

Material reacts with strong oxidizing reagents and sodium, potassium and lithium metals.

Hazardous Decomposition or Byproducts

Carbon dioxide; carbon monoxide, nitrogen oxides.

Hazardous Polymerization**Conditions to Avoid**

	May Occur		
	Will Not Occur		Not listed

Section VI Health Hazard Data

Routes of Entry	Inhalation ?	Skin ?	Ingestion ?
	Yes	Yes	Yes

Health Hazards (Acute and Chronic)

Harmful if swallowed. May be harmful if absorbed through skin or inhaled. May cause irritation upon contact with eyes or skin.

Carcinogenicity	NTP	IARC Monographs	OSHA REGULATED?
	Not listed	Not listed	Not listed

Signs and Symptoms of Exposure.

Irritation of eyes, skin and mucous membranes including redness, swelling and pain. Coughing, burning sensation, wheezing, laryngitis, shortness of breath, abdominal pain, diarrhea, convulsions, headache, nausea, seizure and vomiting.

Medical Conditions Generally Aggravated by Exposure

Asthma, emphysema, other respiratory diseases.

Emergency and First Aid Procedures EYES/SKIN: Flush immediately with plenty of water for at least 15 minutes. Remove contaminated clothing. Remove contact lenses if possible. Call physician. INGESTION: Wash out mouth with water if person is conscious. DO NOT induce vomiting. INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Section VII Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled Eliminate all ignition sources. Wear self-contained breathing apparatus and appropriate personal protective equipment. Pick up and place in clean container and tightly close container. Prevent runoff from entering drains, sewers and streams. Wash spill area thoroughly with water after pickup is complete.

Waste Disposal Method Place in closed containers for disposal. Dispose of spillage and other materials used for cleanup in accordance with all Federal, state, and local regulations.

Precautions to be Taken in Handling and Storing Do not get in eyes or on skin or clothing. Do not taste or swallow. Avoid breathing vapors. Wash thoroughly after handling. Store in cool, well-ventilated area, out of direct sunlight. Keep container closed.

Other Precautions Containers, even when empty, will retain residue and vapors. Always obey hazard warnings and handle empty containers as if they were full.

Section VII Control Measures

Respiratory Protection (Specify Type) NIOSH/ MSHA approved respirator with dust/mist and acid vapor cartridges.

Ventilation	Local Exhaust	Recommended.	Special	Safety shower nearby.
	Mechanical (General)	Required.	Other	Eye-wash station nearby.

Protective Gloves Chemical resistant. **Eye Protection** Chemical safety goggles.

Other Protective Clothing or Equipment Boots; full rubber acid suit.; full-face respirator, if needed.

Work /Hygienic Practices Wear appropriate personal protective equipment. Wash thoroughly after handling. Do not breathe dust. Avoid contact with eyes, skin and clothing. Discard contaminated shoes. Wash contaminated clothing thoroughly after use. Avoid prolonged or repeated exposure.

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