

5100 W. Henrietta Rd.
West Henrietta, NY 14586
TEL: (866) 260-0501

MSDS No. 9453504
Effective Date: December 1, 2005

SECTION I NAME 24 HOUR EMERGENCY ASSISTANCE

Product	Ethylenediaminetetraacetic Acid	416-984-3000 NFPA 1 1 0 HAZARD RATING Minimal Slight Moderate Serious Severe 0 1 2 3 4 Health 1 Flammability 1 Reactivity 0 WHMIS
Chemical Synonyms	EDTA	
Formula	C ₁₀ H ₁₆ N ₂ O ₈	
CAS No.	60-00-4	

SECTION II DANGEROUS INGREDIENTS

Name	%	TLV Units
Ethylenediaminetetraacetic acid	min. 99%	N/A
CAUTION!		

SECTION III PHYSICAL DATA

Melting Point (°C)	N/A	Specific Gravity (H ₂ O = 1)	N/A
Boiling Point (°C)	N/A	Percent Volatile by Volume (%)	N/A
Vapor Pressure (mm Hg)	N/A	Evaporation Rate (=1)	N/A
Vapor Density (Air=1)	N/A		
Solubility in Water	0.03% @ 26°C.		
Appearance & Odor	White crystalline powder; no odor.		

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash point	Not flammable.	Flammable Limits in Air % by Volume	N/A	Lower	Upper
Firefighting Procedures	Use dry chemical, CO ₂ , alcohol foam, or water spray. In fire conditions, fire-fighters should wear an appropriate mask or a self-containing breathing apparatus.				

Flammability and Explosion Hazards

Fire or excessive heat may produce hazardous decomposition products to be produced as dust or fume.

TDG Not a TDG controlled material.

The information contained herein is furnished without warranty of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees. For laboratory use only. Not for drug, food or household use. Keep out of reach of children. Printed on recycled paper.

SECTION V REACTIVITY DATA

Chemical Stability	Yes	X	If no, under what conditions?
Incompatible with Other products	Yes	X	Strong oxidizers, iron, bra
	No		

Hazardous Decomposition Products	Carbon and nitrogen oxides, ammonia and v
Reactive under what conditions	Avoid contact with aluminum, zinc, nickel, co

SECTION VI TOXICOLOGICAL PRO

Route of Entry	Inhalation. Ingestion.
TLV	Not available.
Toxicity for animals	Oral-rat: LD50: 2000 mg/Kg.
Chronic effects on humans	There are no known effects from chronic exp known.

Acute effects on humans	Contact may cause irritation to the skin and
-------------------------	--

SECTION VII PREVENTIVE MEASUR

Waste Disposal	Discharge, treatment, or disposal may be sul Consult your local or regional authorities.
Storage	Keep container in a cool, well ventilated plac incompatible materials. Keep away from sou
Precautions	Avoid contact with skin and eyes. Do not bre not ingest. If ingested, seek immediate med
Spill or leak	Use appropriate tools to put the spilled solid Wash spill area with soap and water.
Protective Clothing	Gloves, safety glasses, lab coat, dust respira

SECTION VIII FIRST AID MEASURES

Specific first aid measures	Ingestion: Call physician or Poison Control C advised by the appropriate medical personnel contact lenses. Immediately flush eyes with eyelids open. Seek medical attention. Skin contaminated skin with running water and no fresh air. If not breathing, give artificial respi Allow victim to rest in a well ventilated area.
-----------------------------	--

SECTION IX PREPARATION OF THE

Rev. No. 3	Date December 1, 2005	Approved M
------------	-----------------------	------------