

POLY RESEARCH CORPORATION -- ETHYLENE DIAMINE TETRA ACETIC ACID,EDTA;681 --
6810-00-926-4771

===== Product Identification =====

Product ID:ETHYLENE DIAMINE TETRA ACETIC ACID,EDTA;681

MSDS Date:01/22/1993

FSC:6810

NIIN:00-926-4771

MSDS Number: BRFQT

=== Responsible Party ===

Company Name:POLY RESEARCH CORPORATION

Address:125 CORPORATE DRIVE

City:HOLTSVILLE

State:NY

ZIP:11742

Country:US

Info Phone

Num:516-758-0460

Emergency Phone Num:516-758-0460 800-424-9300(CHEMTREC)

CAGE:64713

=== Contractor Identification ===

Company Name:POLY RESEARCH CORPORATION

Address:125 CORPORATE DRIVE

Box:City:HOLTSVILLE

State:NY

ZIP:11742-2007

Country:US

Phone:516-758-0460

CAGE:64713

===== Composition/Information on Ingredients =====

Ingred Name:ETHYLENEDIAMINETETRAACETIC ACID, DISODIUM SALT

CAS:6381-92-6

RTECS #:AH4410000

Other REC Limits:NONE RECOMMENDED

===== Hazards Id

entification =====

LD50 LC50 Mixture:TDLO ORAL RT=13G/KG

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INGEST:POSSIBLE INJURY TO THE
KIDNEY,NEGATIVE CALCIUM BALANCE.SKIN:SLIGHTLY IRRITATING.NOT
DERMALLY ABSORBED.INHAL:IRRITANT.EYES:MAY CAUSE IRRITATION.

Explanation of Carcinogenicity:NOT APPLICABLE.

Effects of Overexposure:EYES/SKIN/INHAL:IRRITATION.

Medical Cond Aggravated by E

xposure:MANUFACTURER STATES NONE KNOWN.

===== First Aid Measures =====

First Aid:EYES:FLUSH WITH WATER FOR ATLEAST 15 MINUTES.IF IRRITATION
PERSISTS,CALL PHYSICIAN.SKIN:FLUSH WITH WATER.INHAL:REMOVE TO FRESH
AIR.IF DISCOMFORT PERSISTS,CALL PHYSICIAN.INGEST:IF CONSCIOUS,GIVE
TWO GL ASSES OF WATER;CALL PHYSICIAN.

===== Fire Fighting Measures =====

Flash Point Method:COC

Flash Point:500F,260C

Extinguishing Media

:WATER SPRAY,DRY CHEMICAL,CARBON DIOXIDE.

Fire Fighting Procedures:USE A SELF-CONTAINED APPARATUS WITH FULL
PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:IN EXCESSIVE HEAT,THIS PRODUCT MAY REACT
WITH STRONG OXIDIZING MATERIELS.

===== Accidental Release Measures =====

Spill Release Procedures:WEAR PROPER PROTECTIVE CLOTHING;SWEEP INTO
PAPER AND PLACE IN A SUITABLE CONTAINER FOR DISPOSAL.WASH SPILL
AREA WITH SOAP AND WATER.

Neutralizing Agent:NONE

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN ACOOL,DRY PLACE,AWAY FROM
OXIDIZING MATERIELS.

Other Precautions:DO NOT GET IN EYES OR SKIN OR ON CLOTHING.AVOID
BREATHING DUST.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE NEEDED IN NORMAL SERVICE.IN DUSTY
CONDITIONS USE A NIOSH APPROVED DUST MASK.

Ventilation:LOCAL EXHAUST IS RECOMMENDED.

Protective Gloves:IMPERVIOUS

Eye Protection:DUST-PROOF GOGGLES.

Other Protective Equipment:EYE WASH STATION.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.WASH
CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

NONE

===== Physical/Chemical Properties =====

HCC:N1

Boiling Pt:B.P. Text:DECOMPOSES

Melt/Freeze Pt:M.P/F.P Text:428F,220C

Vapor Pres:NEGLIGIBLE

Vapor Density:12.8

Spec Gravity:0.77

Solubility in Water:NEGLIGIBLE(.5G/L)

Appearance and Odor:CRYSTALS;WHITE;NO O
DOR.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.DISPLACES CARBON DIOXIDE FROM CARBONATES.REACTS
WITH METALS TO FORM HYDROGEN.

Stability Condition to Avoid:EXCESSIVE TEMPERATURE(DECARBOXYLATION
OCCURS >150C/302F).

Hazardous Decomposition Products:TOXIC HYDROCARBON FUMES,CARBON
DIOXIDE,CARBON MONOXIDE.

===== Disposal Considerations =====

Waste Disposal Methods

:INCINERATE IAW FEDERAL,STATE AND LOCAL
REGULATIONS.

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