

SAFETY DATA SHEET

Preparation & Last Date Printed: 07/08/22 REV: C

Page 1 of 3

EDTA

SECTION 1 IDENTIFICATION

MYRON L® COMPANY 2450 IMPALA DRIVE, CARLSBAD, CA 92010

INFORMATION PHONE #: (760) 438-2021, contact either Jerry Adams or Gary Robinson

BUSINESS HOURS: Monday through Friday 7:00-3:30 p.m. (Pacific Time)

This and additional Myron L Safety Data Sheets (SDS) are available on the World Wide Web at: <http://www.myronl.com>

PRODUCT: EDTA Hardness Reagent.

CATALOG NUMBERS: EDTA-LC 2OZ./QT., EDTA-HC 2OZ./QT., EDTA-B-LC 2OZ./QT., EDTA-B-HC 2OZ./QT., 9PTKB, 9PTKB-BD, PS9TKB, PS9TKB-BD, TK9B, PKPS9B, 9PTKA, PS9TKA

SECTION 2 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

MAY BE HARMFUL IF NOT HANDLED CORRECTLY AND USED AS INTENDED.

GHS Pictograms



EXCLAMATION MARK

- Irritant •Skin Sensitizer
- Acute Toxicity •Narcotic Effects
- Respiratory Tract Irritant
- Hazardous to Ozone Layer

POTENTIAL HEALTH EFFECTS

EFFECTS OF OVEREXPOSURE: IRRITATION TO EYES, SKIN, AND GASTROINTESTINAL (DIGESTIVE TRACT).

ROUTES OF ENTRY: INHALATION, INGESTION, EYE CONTACT, AND SKIN CONTACT.

CARCINOGENICITY: MATERIAL IS NOT LISTED (IARC, NTP, OSHA) AS A CANCER CAUSING AGENT.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME: EDTA (Ethylenediaminetetraacetic Acid)

TRADE NAME & SYNONYMS: Hardness Reagent

CHEMICAL FAMILY: Organic Chelant Solution

CHEMICAL FORMULA: C₁₀H₁₆N₂O₈ in H₂O
MgCl₂ · 6H₂O
NaOH

CAS #: EDTA #60-00-4
Sodium Hydroxide #1310-73-2
Magnesium Chloride Hexahydrate #7791-18-6
Water #7732-18-5

SECTION 4 FIRST-AID MEASURES

FIRST AID PROCEDURES:

EYE CONTACT:

FLUSH WITH WATER FOR 20 MINUTES UNTIL CHEMICAL IS REMOVED.
SEEK MEDICAL ATTENTION AS NEEDED.

SKIN CONTACT:

WASH THOROUGHLY WITH SOAP AND WATER.

INGESTION:

GIVE LARGE AMOUNT OF WATER. SEEK MEDICAL ATTENTION AS NEEDED.

SECTION 5 FIRE-FIGHTING MEASURES

FLASH POINT (TEST METHOD)	N/A	FLAMMABLE LIMITS	N/A	LeI	N/A	UeI	N/A
EXTINGUISHING MEDIA	DRY CHEMICAL CARBON DIOXIDE, WATER SPRAY OR FOAM.						
SPECIAL HAZARDS & PROCEDURES	WEAR SELF-CONTAINED BREATHING APPARATUS AND SPECIAL PROTECTIVE CLOTHING.						
UNUSUAL FIRE & EXPLOSION HAZARDS	MAY EMIT TOXIC FUMES OF NITROGEN OXIDES, SODIUM OXIDE.						

SECTION 6 ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

ABSORB WITH VERMICULITE OR OTHER INERT MATERIAL. CONTAINERIZE FOR LATER DISPOSAL.

SECTION 7 HANDLING AND STORAGE

HANDLING: NORMAL USE DOES NOT GENERATE A HAZARDOUS SITUATION WHEN HANDLED IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICES.

STORAGE: STORE IN A COOL WELL VENTILATED DRY AREA. AVOID DIRECT SUNLIGHT.

EDTA

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

THRESHOLD LIMIT VALUE:	NONE KNOWN.
RESPIRATORY PROTECTION:	WEAR RESPIRATOR WHEN VENTILATION IS INADEQUATE. AVOID BREATHING CHEMICAL.
VENTILATION:	GENERAL ROOM VENTILATION IS ADEQUATE.
EYE PROTECTION:	RECOMMENDED SAFETY GLASSES.
PROTECTIVE GLOVES:	RECOMMENDED GENERAL PURPOSE GLOVES.
PROTECTIVE CLOTHING:	RECOMMENDED LAB COAT OR SAFETY APRON.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT, 760 mm Hg (°C)	100°C	SPECIFIC GRAVITY	1
FREEZE POINT (°C)	0°C	SOLUBILITY IN H₂O, % BY WT. @ 20°C	100%
VAPOR PRESSURE @ 20°C	17	APPEARANCE AND ODOR	COLORLESS, ODORLESS LIQUID
VAPOR DENSITY	.6		
PERCENT VOLATILES BY VOLUME	99	EVAPORATION RATE	.36 (water)
		pH:	8.4pH-9.2pH

SECTION 10 STABILITY AND REACTIVITY

STABILITY: The product is stable.	CONDITIONS TO AVOID Extreme heat, temperatures
REACTIVITY: Reactive or incompatible with oxidizing materials and metals.	MATERIALS TO AVOID (N/A) WATER (N/A) ACIDS (N/A) BASES OTHER SPECIFY Strong Oxidizing Agents

SECTION 11 TOXICOLOGICAL INFORMATION

TOXICITY DATA: LD50 (oral-rat): 2000 mg/kg
TOXICOLOGICAL FINDING: Eye, skin and lung conditions can be aggravated by exposure.

SECTION 12 ECOLOGICAL INFORMATION

ECOTOXICITY: Maybe harmful to aquatic organism due to shift of the pH.
OTHER ADVERSE EFFECTS: Avoid release to the environment.

SECTION 13 DISPOSAL CONSIDERATIONS

EPA WASTE NO. AND DISPOSAL TREATMENT:
MATERIAL DOES NOT HAVE AN EPA WASTE NUMBER AND IS NOT A LISTED WASTE.
NOTE: ALWAYS CONTACT A PERMITTED WASTE DISPOSER (TSD) TO ASSURE COMPLIANCE AND ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

SECTION 14 TRANSPORT INFORMATION

DOT Shipping Name.....Chemicals, N.O.S.
DOT Number.....N/A
IATA/ICAO.....Not dangerous goods.

EDTA

SECTION 15 REGULATORY INFORMATION

TSCA INVENTORY: THE CAS NUMBER OF THIS PRODUCT IS LISTED ON THE TSCA INVENTORY.

COMPONENT N/A
SARA EHS (302) N/A
SARA EHS TOQ (LBS) N/A
CERCLA RQ (LBS) N/A
OSHA FLOOR LIST N/A
SARA 313 N/A
DeMinimis for SARA 313 (%) N/A

SECTION 16 OTHER INFORMATION

DISCLAIMER: This information is believed to be accurate and represents the best information currently available to us; however, we make no warranty of merchantability, or fitness for any particular use, or any other warranty, express or implied, with respect to this information, and we assume no liability resulting from the use of this information. Users should make their own investigations to determine the suitability of the information for their particular needs and purposes.

NFPA Hazard Ratings
Health: 0
Flammability: 0
Reactivity: 0
Special Hazards: N/A

SDS APPROVED BY:

