

SAFETY DATA SHEET

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CAPS

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: CAPS Hardness Solution

CATALOG NUMBERS: Reagent: HB Hardness Titration Buffer - HBUFF 2OZ./QT., 9PTB, 9PTKB-BD, PS9TKB, PS9TKB-BD, TK9B, PKPS9B

SECTION 2 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

THESE ITEMS ARE MILDLY CORROSIVE AND SHOULD BE HANDLED WITH CARE.

GHS Pictograms: NONE

Signal Word: NONE

POTENTIAL HEALTH EFFECTS

EFFECTS OF OVEREXPOSURE: AGGRAVATION TO EYES, SKIN, AND RESPIRATORY TRACT.

ROUTES OF ENTRY: INHALATION, INGESTION, AND SKIN.

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

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME: CAPS Buffer - 15% wv

TRADE NAME & SYNONYMS: Hardness Titration Buffer Solution
3-(cyclohexylamino)-1-propanesulfonic acid

CHEMICAL FORMULA: C₉H₁₉NO₃S

CHEMICAL FAMILY: Inorganic alkali solution

CAS #: CAPS #1135-40-6
Sodium Hydroxide #1310-73-2
Water #7732-18-5

SECTION 4 FIRST-AID MEASURES

FIRST AID PROCEDURES:

EYE CONTACT: FLUSH THOROUGHLY WITH WATER. IF IRRITATION OCCURS, GET MEDICAL ASSISTANCE.

SKIN CONTACT: WASH THOROUGHLY WITH SOAP AND WATER. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS.

INGESTION: RINSE MOUTH WITH WATER. SEEK MEDICAL ATTENTION IF YOU FEEL ILL.

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, WATER SPRAY OR FOAM.						
SPECIAL HAZARDS & PROCEDURES	WEAR SELF CONTAINED BREATHING APPARATUS AND SPECIAL PROTECTIVE CLOTHING.						
UNUSUAL FIRE & EXPLOSION HAZARDS	CARBON OXIDES, NITROGEN OXIDES (NO _x), SULPHUR OXIDES						

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.

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SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

THRESHOLD LIMIT VALUE:	NO ESTABLISHED EXPOSURE LIMITS.
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)	Not Available	SPECIFIC GRAVITY	Not Available
FREEZE POINT (°C)	Not Available	SOLUBILITY IN H₂O, % BY WT. @ 20°C	100%
VAPOR PRESSURE @ 20°C	Not Available	APPEARANCE AND ODOR	COLORLESS, ODORLESS LIQUID
VAPOR DENSITY	Not Available		
PERCENT VOLATILES BY VOLUME	Not Available	EVAPORATION RATE	Not Available
		pH:	10.00 - 10.50pH

SECTION 10 STABILITY AND REACTIVITY

STABILITY: The product is stable	CONDITIONS TO AVOID Incompatibles - Strong oxidizing agents.
REACTIVITY: No special reactivity is known.	MATERIALS TO AVOID (N/A) WATER (N/A) ACIDS (N/A) BASES OTHER SPECIFY (N/A)

SECTION 11 TOXICOLOGICAL INFORMATION

TOXICITY DATA: LD50 Oral: Quail - > 316 mg/kg (CAPS)
TOXICOLOGICAL FINDING: No toxicity data available.

SECTION 12 ECOLOGICAL INFORMATION

ECOTOXICITY: No ecological toxicity data available.
OTHER ADVERSE EFFECTS: Environmental precautions: Insufficient data. No known significant effects or critical hazards.

SECTION 13 DISPOSAL CONSIDERATIONS

EPA WASTE NO. AND DISPOSAL TREATMENT:
CLASSIFICATION UNKNOWN.

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:.....Non - Regulated
DOT Number:.....None
IATA/ICAO:.....Not Dangerous Goods

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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:

