

SAFETY DATA SHEET

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CaCl₂

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: Calcium Chloride Hardness Solution

CATALOG NUMBERS: CaCl₂-200 Hardness Standard, Hard-200 2OZ/QT.

CaCl₂-1400 Hardness Standard, Hard-1400 2OZ./QT. PS9TKA, 9PTKA.

SECTION 2 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

WARNING: MAY CAUSE EYE, SKIN, AND
RESPIRATORY IRRITATION.

POTENTIAL HEALTH EFFECTS

EFFECTS OF OVEREXPOSURE: IRRITATING TO EYES, MUCOUS MEMBRANES, SKIN AND DIGESTIVE TRACT.

ROUTES OF ENTRY: INGESTION.

CARCINOGENICITY: No component of this product present at levels greater than or equal to 0.1% is identified (by IARC, NTP, or OSHA) as a probable, potential, or anticipated carcinogen.

GHS Pictograms



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

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME: Aqueous Salt Solution

TRADE NAME & SYNONYMS: Hardness Standard Solution

CHEMICAL FAMILY: Inorganic Salts

CHEMICAL FORMULA: CaCl₂·2H₂O, and H₂O

CAS #: Calcium Chloride
(Dihydrate)
Water

#10035-04-8

#7732-18-5

SECTION 4 FIRST-AID MEASURES

FIRST AID PROCEDURES:

EYE CONTACT: FLUSH WITH LARGE AMOUNTS OF WATER.

SKIN CONTACT: RINSE WITH LARGE AMOUNTS OF WATER.

INGESTION: DRINK PLENTY OF WATER, DO NOT INDUCE VOMITING, SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS.

SECTION 5 FIRE-FIGHTING MEASURES

FLASH POINT (TEST METHOD)	N/A	FLAMMABLE LIMITS	N/A	LeI	N/A	UeI	N/A
EXTINGUISHING MEDIA	NON-FLAMMABLE						
SPECIAL HAZARDS & PROCEDURES	N/A						
UNUSUAL FIRE & EXPLOSION HAZARDS	N/A						

SECTION 6 ACCIDENTAL RELEASE MEASURES

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

CLEAN SPILL USING ABSORBENT MATERIALS AND WATER, AND THEN AIR OUT AREA.

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 AT ROOM TEMPERATURE.

CaCl₂**SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

THRESHOLD LIMIT VALUE: NONE KNOWN.
RESPIRATORY PROTECTION: NONE REQUIRED.
VENTILATION: NONE REQUIRED.
EYE PROTECTION: RECOMMENDED.
PROTECTIVE GLOVES: RECOMMENDED GENERAL PURPOSE GLOVES.
PROTECTIVE CLOTHING: NONE REQUIRED.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT, 760 mm Hg (°C)	102-107	SPECIFIC GRAVITY	1.0
FREEZE POINT (°C)	-0 TO -20	SOLUBILITY IN H₂O, % BY WT. @ 20°C	100%
VAPOR PRESSURE @ 20°C	N/A	APPEARANCE AND ODOR	COLORLESS, ODORLESS LIQUID
VAPOR DENSITY	N/A		
PERCENT VOLATILES BY VOLUME	N/A	EVAPORATION RATE	N/A
		pH:	4.75pH-5.25pH

SECTION 10 STABILITY AND REACTIVITY

STABILITY: Product stable under normal temperatures and pressures.	CONDITIONS TO AVOID None known.
REACTIVITY: Same as water.	MATERIALS TO AVOID (N/A) WATER (N/A) ACIDS (N/A) BASES OTHER SPECIFY Strong Oxidizing Agents

SECTION 11 TOXICOLOGICAL INFORMATION**TOXICITY DATA:** No data available.**TOXICOLOGICAL FINDING:** To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.**SECTION 12 ECOLOGICAL INFORMATION****ECOTOXICITY:** The environmental impact of this product has not been fully investigated.**OTHER ADVERSE EFFECTS:** No data available.**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**.....Not dangerous goods.**DOT Number**.....None**IATA/ICAO**.....Not regulated.

CaCl₂

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:	2
Flammability:	0
Reactivity:	0
Special Hazards:	0

SDS APPROVED BY:

