

SAFETY DATA SHEET

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Page 1 of 3

KCl

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: Conductivity Standard Solution

CATALOG NUMBERS: KCl-70, KCl-700, KCl-7000, KCl-70,000, KCl-18, KCl-180, KCl-1800, KCl-18,000, KCl Special

SECTION 2 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

NON-FLAMMABLE, NON-TOXIC, NON CORROSIVE.

PICTOGRAMS: NONE

DOES NOT PRESENT ANY SIGNIFICANT HEALTH HAZARDS IF HANDLED CORRECTLY.

SIGNAL WORD: NONE

POTENTIAL HEALTH EFFECTS

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

ROUTES OF ENTRY: INGESTION.

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

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME: Aqueous Salt Solution

TRADE NAME & SYNONYMS: TDS/Conductivity Standard Solution, KCl Solution

CHEMICAL FAMILY: Inorganic Salts

CHEMICAL FORMULA: KCl and H₂O

CAS #: Potassium Chloride
Water

#7447-40-7
#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.

KCl

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

THRESHOLD LIMIT VALUE: NONE KNOWN.
RESPIRATORY PROTECTION: NONE REQUIRED.
VENTILATION: NONE REQUIRED.
EYE PROTECTION: RECOMMENDED.
PROTECTIVE GLOVES: NONE REQUIRED.
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:	4.50pH-6.00pH

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 (N/A) OTHER SPECIFY	

SECTION 11 TOXICOLOGICAL INFORMATION

TOXICITY DATA: N/A
TOXICOLOGICAL FINDING: Tests on laboratory animals indicate material does not produce adverse mutagenic effects.
 Cited in Registry of Toxic Effects of Chemical Substances (RTECS)

SECTION 12 ECOLOGICAL INFORMATION

ECOTOXICITY: No data available. No relevant information available.
OTHER ADVERSE EFFECTS: No relevant information 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.....Non-Regulated
DOT Number.....None
IATA/CAO.....Non-Hazardous Substance. No UN-Number.

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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: 0

SDS APPROVED BY:

