

SAFETY DATA SHEET

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Page 1 of 3

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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: Nitrate Standard Solution

CATALOG NUMBERS: N1SOL, N10SOL, N100SOL, N1000SOL

SECTION 2 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

MAYBE HARMFUL IF NOT HANDLED CORRECTLY AND USED AS INTENDED.

POTENTIAL HEALTH EFFECTS

EFFECTS OF OVEREXPOSURE: MAY CAUSE IRRITATION TO EYES, SKIN AND RESPIRATORY TRACT.

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

CARCINOGENICITY: NO KNOWN SIGNIFICANT EFFECTS OR CRITICAL HAZARD FOR LEVELS USED IN THESE PRODUCTS.

GHS Pictogram



EXCLAMATION MARK

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

SIGNAL WORDS: WARNING

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME: Potassium Nitrate Solution

TRADE NAME & SYNONYMS: Nitrate ISE Calibration Standard Solution **CHEMICAL FAMILY:** Alkali Metal Nitrate

CHEMICAL FORMULA: KNO₃ + H₂O **CAS #:** Potassium Nitrate #7757-79-1
Water #7732-18-5

SECTION 4 FIRST-AID MEASURES

FIRST AID PROCEDURES:

EYE CONTACT: IMMEDIATELY FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES. SEEK MEDICAL ATTENTION.
SKIN CONTACT: WASH OFF WITH SOAP AND WATER. SEEK MEDICAL ATTENTION AS NEEDED.
INGESTION: RINSE MOUTH WITH WATER. SEEK MEDICAL ATTENTION.

SECTION 5 FIRE-FIGHTING MEASURES

FLASH POINT (TEST METHOD)	N/A	FLAMMABLE LIMITS	N/A	Lel N/A	Uel N/A
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EXTINGUISHING MEDIA USE AN EXTINGUISHING AGENT SUITABLE FOR THE SURROUNDING FIRE.

SPECIAL HAZARDS & PROCEDURES FIRE FIGHTERS SHOULD WEAR PROPER PROTECTIVE EQUIPMENT AND SELF CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN POSITIVE PRESSURE MODE.

UNUSUAL FIRE & EXPLOSION HAZARDS NO DATA AVAILABLE.

SECTION 6 ACCIDENTAL RELEASE MEASURES

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

CLEAN UP SPILL USING ABSORBENT MATERIALS. DO NOT LET PRODUCT ENTER DRAINS.

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, DRY, AND DARK ENVIRONMENT.

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SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

THRESHOLD LIMIT VALUE: NONE ESTABLISHED.
RESPIRATORY PROTECTION: USE SELF CONTAINED BREATHING APPARATUS IF A RISK ASSESSMENT INDICATES NECESSITY.
VENTILATION: USE GENERAL OR LOCAL EXHAUST VENTILATION.
EYE PROTECTION: RECOMMENDED SAFETY GLASSES AND FACE SHIELD.
PROTECTIVE GLOVES: RECOMMENDED GENERAL PURPOSE RUBBER GLOVES.
PROTECTIVE CLOTHING: RECOMMENDED LAB COAT OR SAFETY APRON.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT, 760 mm Hg (°C)	100°C - 212°F	SPECIFIC GRAVITY	1.0
FREEZE POINT (°C)	Not Determined	SOLUBILITY IN H₂O, % BY WT. @ 20°C	100%
VAPOR PRESSURE @ 20°C	14 (Water)	APPEARANCE AND ODOR	COLORLESS, ODORLESS LIQUID
VAPOR DENSITY	0.7 (Water)		
PERCENT VOLATILES BY VOLUME	N/A	EVAPORATION RATE	N/A
		pH:	5pH-6pH

SECTION 10 STABILITY AND REACTIVITY

STABILITY: Product is stable under normal conditions of use and storage.	CONDITIONS TO AVOID	None known.
REACTIVITY: Same as water.	MATERIALS TO AVOID Strong Reducing Agents, Powderd Metals, Strong Acids, Organic Materials	

SECTION 11 TOXICOLOGICAL INFORMATION

TOXICITY DATA: No data available.
TOXICOLOGICAL FINDING: No known significant effects or critical hazards.

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: NO CLASSIFICATION DETERMINED.

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 Regulated For Transport by US Dot.
DOT Number.....None
IATA/ICAO.....NOT REGULATED FOR AIR TRANSPORT BY IATA.

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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: 1
Flammability: 0
Reactivity: 0
Special Hazards: 0

SDS APPROVED BY:

