

MATERIAL SAFETY DATA SHEET

PART NUMBER: 905-755340
IDENTITY: CALIBRATION STANDARD 11% R.H.
MANUFACTURER: ROSEMOUNT ANALYTICAL INC.
ADDRESS: 2400 BARRANCA PARKWAY
IRVINE, CA 92606
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(1-800-424-9300 24 Hr. CHEMTREC/ CODE: RANA)

DATE REVISED: 01/26/11
PREPARED BY: R. MORRISON
REVISED BY: T. PHILLIPS

SECTION 1--MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS	%	OSHA PEL	ACGIH TLV	OTHER LIMIT RECOMMENDED
LITHIUM CHLORIDE CAS#7447-41-8	>95%			
NON-HAZARDOUS INGREDIENTS TOTAL	100			

No health hazard or other information is available for the solution of the mixture. The following sections are based on information obtained from <http://www.jtbaker.com/msds/englishhtml/L6697.htm> and our best scientific understanding of the solution.

SECTION 2--PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT	1360°C
SPECIFIC GRAVITY (H ₂ O = 1)	2.07
VAPOR PRESSURE (mm Hg/TEMPERATURE)	N/A
MELTING POINT	613°C
VAPOR DENSITY (AIR = 1)	N/A
EVAPORATION RATE (= 1)	N/A
SOLUBILITY IN WATER	1g/1.3 ml COLD WATER
WATER REACTIVE	N/A
APPEARANCE AND ODOR	ODORLESS WHITE CRYSTALS

SECTION 3--FIRE AND EXPLOSION HAZARD DATA

FLASH POINT AND METHOD USE	N/A
AUTO IGNITION TEMPERATURE	N/A
FLAMMABILITY LIMITS IN AIR BY VOLUME	N/A
LEL	N/A
UEL	N/A
EXTINGUISHER MEDIA	USE ANY MEANS SUITABLE FOR EXTINGUISHING SURROUNDING MEDIA
SPECIAL FIRE FIGHTING PROCEDURE	WEAR FULL PROTECTIVE CLOTHING AND NIOSH APPROVED POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS
UNUSUAL FIRE AND EXPLOSION HAZARD:	N/A

SECTION 4--REACTIVITY HAZARD DATA

STABILITY	STABLE <u>x</u>	UNSTABLE <u> </u>
CONDITIONS TO AVOID:	MOISTURE AND INCOMPATIBILITIES	
INCOMPATIBILITY MATERIALS TO AVOID:	BROMINE TRIFLUORIDE	
HAZARDOUS DECOMPOSITION PRODUCTS:	EMITS TOXIC FUMES OF CHLORINE WHEN HEATED	
HAZARDOUS POLYMERIZATION:	MAY OCCUR <u> </u>	WILL NOT OCCUR <u>x</u>
HAZARDOUS POLYMERIZATION CONDITIONS TO AVOID:	WILL NOT OCCUR	

SECTION 5--HEALTH HAZARD DATA 905-755340

PRIMARY ROUTES OF ENTRY: INHALATION x SKIN ABSORPTION x
INGESTION x NOT HAZARDOUS

CARCINOGEN LISTED: NPT IRAC OSHA NOT LISTED X

HEALTH HAZARDS: N/A

ACUTE:
CHRONIC: N/A

SIGNS AND SYMPTOMS OF EXPOSURE: N/A

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N/A

EMERGENCY FIRST AID PROCEDURES:

EYE CONTACT: WASH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN

SKIN CONTACT: IMMEDIATELY FLUSH SKIN WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES

INHALATION: REMOVE TO FRESH AIR, IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. CALL A PHYSICIAN

INGESTION: INDUCE VOMITING AS DIRECTED BY MEDICAL PERSONNEL. CALL A PHYSICIAN

SECTION 6--CONTROL AND PROTECTIVE MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE): NIOSHA/MSHA APPROVED RESPIRATOR

PROTECTIVE GLOVES: YES

EYE PROTECTION: YES

VENTILATION TO BE USED N/A

LOCAL EXHAUST: N/A

MECHANICAL (GENERAL): N/A

SPECIAL OTHER (SPECIFY): N/A

PROTECTIVE CLOTHING AND EQUIPMENT: LAB COAT APRON / RESPIRATOR

HYGIENIC WORK PRACTICES: N/A

SECTION 7--PRECAUTIONS FOR SAFE HANDLING AND USE/LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED: VENTILATE AREA, CLEAN UP WEARING RESPIRATOR

WASTE DISPOSAL METHODS: ONLY IN APPROVED CONTAINER FOR RECLAMATION OR DISPOSAL

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE IN COOL, DRY, VENTILATED AREA.

OTHER PRECAUTIONS AND/OR SPECIAL HAZARDS: CONTAINER MY BE HAZARDOUS DUE TO DUST

RATING:

HEALTH 2 FLAMMABILITY 0 REACTIVITY 0 SPECIFIC 2 contact