

MATERIAL SAFETY DATA SHEET

PART NUMBER: 905-752599
IDENTITY: CALIBRATION STANDARD 85% R.H.
MANUFACTURER: ROSEMOUNT ANALYTICAL INC.
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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
POTASSIUM CHLORIDE CAS# 7447-40-7	>95%			
NON-HAZARDOUS INGREDIENTS TOTAL	<5%			
	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/P5631.htm> and our best scientific understanding of the solution.

SECTION 2--PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT	N/A
SPECIFIC GRAVITY (H ₂ O = 1)	N/A
VAPOR PRESSURE (mm Hg/TEMPERATURE)	N/A
MELTING POINT	N/A
VAPOR DENSITY (AIR = 1)	N/A
EVAPORATION RATE (= 1)	N/A
SOLUBILITY IN WATER	COMPLETE
WATER REACTIVE	N/A
APPEARANCE AND ODOR	WHITE CRYSTAL GRANULES, ODORLESS

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 N/A
SPECIAL FIRE FIGHTING PROCEDURE THIS REAGENT IS NOT CONSIDERED A FIRE NOR EXPLOSIVE HAZARD. USE ANY MEDIA TO EXTINGUISH SURROUNDING FIRE.

UNUSUAL FIRE AND EXPLOSION HAZARD:

SECTION 4--REACTIVITY HAZARD DATA

STABILITY	STABLE <u>X</u>	UNSTABLE <u>__</u>
CONDITIONS TO AVOID:	NONE	
INCOMPATIBILITY MATERIALS TO AVOID:	NONE	
HAZARDOUS DECOMPOSITION PRODUCTS:	NONE	
HAZARDOUS POLYMERIZATION:	MAY OCCUR <u>__</u>	WILL NOT OCCUR <u>X</u>
HAZARDOUS POLYMERIZATION CONDITIONS TO AVOID:	DOES NOT POLYMERIZE	

SECTION 5--HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: INHALATION__ SKIN ABSORPTION__
INGESTION__ NOT HAZARDOUS X

CARCINOGEN LISTED: NTP__ IRAC__ OSHA__ NOT LISTED X

HEALTH HAZARDS

ACUTE: HIGH CONCENTRATIONS MAY CAUSE MUCOUS MEMBRANE IRRITATION; RASHES.

CHRONIC: MAY AFFECT KIDNEY DISORDERS

SIGNS AND SYMPTOMS OF EXPOSURE: RED EYES, SKIN RASH, WEAKNESS

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: IMPAIRED KIDNEY DISFUNCTIONS POSSIBLE IN LARGE EXPOSURES.

EMERGENCY FIRST AID PROCEDURES:

EYE CONTACT: FLUSH WITH WATER MINIMUM 15 MINUTES.

SKIN CONTACT: WASH WITH SOAP AND WATER.

INHALATION: REMOVE TO FRESH AIR.

INGESTION: DILUTE WITH MILK OR WATER

SECTION 6--CONTROL AND PROTECTIVE MEASURES

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

PROTECTIVE GLOVES: YES

EYE PROTECTION: YES

VENTILATION TO BE USED

LOCAL EXHAUST: RECOMMENDED

MECHANICAL (GENERAL): REQUIRED

SPECIAL OTHER (SPECIFY): N/A

PROTECTIVE CLOTHING AND EQUIPMENT: LAB COAT/APRON

HYGIENIC WORK PRACTICES: WASH HANDS THOROUGHLY AFTER HANDLING.

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

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED: MOP/RINSE WITH WATER.

WASTE DISPOSAL METHODS: DISPOSE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: N/A

OTHER PRECAUTIONS AND/OR SPECIAL HAZARDS:

RATING:

HEALTH 1 FLAMMABILITY 0 REACTIVITY 1 SPECIFIC__ CONTACT=2