

MATERIAL SAFETY DATA SHEET

PART NUMBER: 905-744327
IDENTITY: CALIBRATION STANDARD 33%RH
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
Magnesium chloride hexahydrate CAS# 7791-18-6 (CAS# 7786-30-3 Anhydrous)	>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.vwrsp.com/msds/10/800/80058-330.pdf> 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	IN COLD WATER
WATER REACTIVE	N/A
APPEARANCE AND ODOR	CLEAR, 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	NON-FLAMMABLE
LEL	N/A
UEL	N/A
EXTINGUISHER MEDIA	N/A
SPECIAL FIRE FIGHTING PROCEDURE	NON COMBUSTIBLE
UNUSUAL FIRE AND EXPLOSION HAZARD:	N/A

SECTION 4--REACTIVITY HAZARD DATA

STABILITY	STABLE <u>x</u>	UNSTABLE <u> </u>
CONDITIONS TO AVOID: DO NOT STORE NEAR OXIDIZING AGENTS		
INCOMPATIBILITY MATERIALS TO AVOID:	REACTIVE WITH OXIDIZING AGENTS	
HAZARDOUS DECOMPOSITION PRODUCTS:	THESE PRODUCTS ARE HALOGENATED COMPOUNDS	
HAZARDOUS POLYMERIZATION:	MAY OCCUR <u> </u>	WILL NOT OCCUR <u> </u> NOT AVAILABLE <u>x</u>
HAZARDOUS POLYMERIZATION CONDITIONS TO AVOID:	UNKNOWN	

SECTION 5--HEALTH HAZARD DATA 905-744327

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

CARCINOGEN LISTED: NPT IRAC OSHA NOT LISTED X

HEALTH HAZARDS

ACUTE: UNKNOWN
CHRONIC: UNKNOWN

SIGNS AND SYMPTOMS OF EXPOSURE: IRRITATED MUCOUS MEMBRANSES IN UPPER RESPIRATORY TRACT

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: UNKNOWN

EMERGENCY FIRST AID PROCEDURES:

EYE CONTACT: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention.

SKIN CONTACT: In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

INHALATION: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

INGESTION: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention if symptoms appear.

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: NOT AVAILABLE

MECHANICAL (GENERAL): NOT AVAILABLE

SPECIAL OTHER (SPECIFY): DUST MASK

PROTECTIVE CLOTHING AND EQUIPMENT: LAB COAT

HYGIENIC WORK PRACTICES: UNKNOWN

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

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED: Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

WASTE DISPOSAL METHODS: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: DON APPROPRIATE ATTIRE

OTHER PRECAUTIONS AND/OR SPECIAL HAZARDS: STORE AWAY FROM OXIDIZING AGENTS

RATING:
HEALTH 2 FLAMMABILITY 0 REACTIVITY 0 SPECIFIC