

## MATERIAL SAFETY DATA SHEET

PART NUMBER: 9210342  
IDENTITY: DOUBLE JUNCTION REFERENCE FILL  
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	CAS#	%	OSHA	ACGIH	OTHER LIMIT
			PEL	TLV	RECOMMENDED
POTASSIUM CHLORIDE	7447-40-7	30	N/A	N/A	N/A
POLYSACCHARIDE GELLING AGENT	11138-66-2	1	N/A	N/A	N/A
SODIUM BENZOATE	532-32-1	.5	N/A	N/A	N/A
NON-HAZARDOUS INGREDIENTS		68.5			
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/P5631.htm> <http://www.vwrsp.com/msds/10/EM-/EM-XX1110-2.pdf> <http://www.jtbaker.com/msds/englishhtml/S2930.htm> and our best scientific understanding of the solution.

### SECTION 2--PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT	100°C
SPECIFIC GRAVITY (H <sub>2</sub> O = 1)	1.0
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	OPAQUE, ODORLESS, VISCOUS SOLUTION

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### 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	N/A

UNUSUAL FIRE AND EXPLOSION HAZARD: THIS IS NOT A FLAMMABLE MATERIAL; NON-EXPLOSIVE.

### 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** 9210342

PRIMARY ROUTES OF ENTRY: INHALATION\_\_ SKIN ABSORPTION\_\_  
  INGESTIONX  NOT HAZARDOUS\_\_

CARCINOGEN LISTED: NTP\_\_ IRAC\_\_ OSHA\_\_ NOT LISTED X

**HEALTH HAZARDS**

ACUTE: MAY CAUSE EYE/SKIN IRRITATION. MAY CAUSE GASTROINTESTINAL IRRITATION IF LARGE AMOUNTS ARE  
  INGESTED.

CHRONIC: UNKNOWN

SIGNS AND SYMPTOMS OF EXPOSURE: IRRITATION, VOMITING

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: UNKNOWN

**EMERGENCY FIRST AID PROCEDURES:**

EYE CONTACT: FLUSH WITH COLD WATER 15 MINUTES.

SKIN CONTACT: WASH THOROUGHLY WITH SOAP AND WATER.

INHALATION: REMOVE TO FRESH AIR IF NECESSARY.

INGESTION: DILUTE IMMEDIATELY WITH WATER. SEEK MEDICAL ASSISTANCE.

**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:

MECHANICAL (GENERAL): X

SPECIAL OTHER (SPECIFY): N/A

PROTECTIVE CLOTHING AND EQUIPMENT: LAB APRON/COAT

HYGIENIC WORK PRACTICES: WASH HANDS AFTER HANDLING.

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

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED: SCOOP AND COLLECT IN APPROPRIATE CONTAINER.

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

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE AT ROOM TEMPERATURE.

OTHER PRECAUTIONS AND/OR SPECIAL HAZARDS: N/A

**RATING:**

HEALTH 2

FLAMMABILITY 2

REACTIVITY 1

SPECIFIC    contact=2