

MATERIAL SAFETY DATA SHEET

PART NUMBER: R434S
IDENTITY: Total Chlorine Sensor Electrolyte
MANUFACTURER: ROSEMOUNT ANALYTICAL INC.
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DATE REVISED: 1/26/11
PREPARED BY: R. MORRISON
REVISED BY: T.PHILLIPS

SECTION 1--MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS	CAS #	%	OSHA PEL	ACGIH TLV	OTHER LIMIT RECOMMENDED
Potassium phosphate monobasic	7778-77-0	1.4			
Potassium chloride	7447-40-7	1.2			
Potassium hydroxide	1310-58-3	0.3			
NON-HAZARDOUS INGREDIENTS					
water		97			
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/P6038.htm> <http://www.jtbaker.com/msds/englishhtml/P5631.htm> <http://www.jtbaker.com/msds/englishhtml/P5884.htm> and our best scientific understanding of the solution.

SECTION 2--PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT	100°C
SPECIFIC GRAVITY (H ₂ O = 1)	1.0
VAPOR PRESSURE (mm Hg/TEMPERATURE)	24mmHg @ 25°C
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	COLORLESS/ODORLESS SOLUTION

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 an aqueous solution which is not flammable or explosive

SECTION 4--REACTIVITY HAZARD DATA

STABILITY	STABLE <u>X</u>	UNSTABLE__
CONDITIONS TO AVOID:	NONE	
INCOMPATIBILITY MATERIALS TO AVOID:	NONE	

