

MATERIAL SAFETY DATA SHEET

IDENTIFICATION & USE	TYPE OF PRODUCT Conductivity Standard 100 microsiemens/cm		CHEMICAL FAMILY Dilute inorganic salt solution					
	PRODUCT NUMBER A1100161		FORMULA KCl					
	MANUFACTURER'S NAME AND ADDRESS IC CONTROLSTM		PRODUCT USE					
	29 Centennial Rd.		EMERGENCY TELEPHONE NO. IC Controls: (519)941-8161					
	Orangeville, Ont. L9W 1R1		Poison Info Centre: 1 800 268-9017					
	CONTAINER SIZE AND TYPE 500 mL plastic bottle		USE AS RECEIVED	YES				
HAZARDOUS INGREDIENTS	SHIPPING NAME		CLASS					
	PIN	WHMIS Classification Not controlled — inherently non-hazardous		PACKING GROUP				
	CONCENTRATION*	HAZARDOUS INGREDIENTS	CHEMICAL NAMES	LD ₅₀ mg/kg	LC ₅₀ **	CAS REGISTRY NO.		
	1 < 1	Potassium Chloride				7783-90-6		
	1 > 99	water						
		The above ingredients are non-hazardous. This product does not contain any hazardous ingredients and is not controlled under existing legislation.						
PHYSICAL DATA	FREEZING POINT		0°C °C	MELTING POINT	N. Avail. °C	BOILING POINT	100°C	
	VAPOUR PRESSURE		Not Avail.	VAPOUR DENSITY (AIR = 1)	N. Avail.	SPECIFIC GRAVITY (H ₂ O = 1)	1.0	
	COEFFICIENT OF WATER/OIL DISTRIBUTION		Not Appl.	EVAPORATION RATE	Not Avail.	pH AT 25 °C	5-9	
	ODOUR THRESHOLD		Not Avail.	PHYSICAL STATE	GAS LIQUID PASTE SOLID POWDER	X		
	ODOUR AND APPEARANCE Clear, colourless, odourless liquid							
	FLASH POINT AND METHOD OF DETERMINATION Not available							
FIRE & EXPLOSION DATA	CONDITIONS OF FLAMMABILITY		FLAMMABLE LIMITS		L.E.L.	U.E.L.		
					N. A.	N. A.		
	MEANS OF EXTINCTION							
	HAZARDOUS COMBUSTION PRODUCTS							
					AUTO IGNITION TEMP.		°C	
	EXPLOSION DATA		SENSITIVITY TO MECHANICAL IMPACT none					
		SENSITIVITY TO STATIC DISCHARGE none						
SPECIAL FIRE FIGHTING PROCEDURES								

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REACTIVITY	STABLE	YES	CONDITIONS TO AVOID		PRODUCT NUMBER		
	UNSTABLE				A1100161 Conductivity Standard		
	INCOMPATIBILITY—MATERIALS TO AVOID						
	HAZARDOUS DECOMPOSITION PRODUCTS						
CONDITIONS OF REACTIVITY							
HEALTH HAZARD DATA	HAZARDOUS ROUTES OF ENTRY		INHALATION	INGESTION	EYE CONTACT	SKIN CONTACT	SKIN ABSORPTION
	EFFECTS OF EXPOSURE (ACUTE)						
	EFFECTS OF EXPOSURE (CHRONIC)						
	EXPOSURE LIMITS						
	SENSITIZATION TO PRODUCT						
	CARCINOGENICITY						
	OTHER TOXICOLOGICAL EFFECTS						
	EMERGENCY AND FIRST AID PROCEDURES						
	Eyes: irrigate with water.						
PREVENTIVE MEASURES	RESPIRATORY PROTECTION						
	VENTILATION		LOCAL EXHAUST			SPECIAL	
			MECHANICAL (GENERAL)			OTHER	
	HAND PROTECTION				EYE PROTECTION		
	PROCEDURES TO BE FOLLOWED IN CASE OF LEAK OR SPILL						
	WASTE DISPOSAL METHOD						
	HANDLING PROCEDURES AND EQUIPMENT						
	STORAGE REQUIREMENTS						
	SPECIAL SHIPPING INFORMATION						
	PREPARATION	PREPARED BY		APPROVED BY		TELEPHONE	
Peter Bakker		Peter Bakker		(519) 941-8161			
TITLE		TITLE		DATE			
		Chemistry Manager		November 5, 2009			
		<i>Peter Bakker</i>					
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