

MATERIAL SAFETY DATA SHEET

IDENTIFICATION & USE	TYPE OF PRODUCT Conductivity Standard 5000 microsiemens/cm		CHEMICAL FAMILY Dilute inorganic salt solution			
	PRODUCT NUMBER A1100152		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 20 L cubitainer		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	* (1) % W/W (2) % V/V (3) % g/L		** SPECIES AND ROUTE			
	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					
FIRE & EXPLOSION DATA	FLASH POINT AND METHOD OF DETERMINATION Not available		FLAMMABLE LIMITS		L.E.L. N. A.	U.E.L. N. A.
	CONDITIONS OF FLAMMABILITY					
	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				A1100152 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				
			Peter Bakker				
	TITLE		TITLE		TELEPHONE		
		Chemistry Manager		(519) 941-8161			
		Peter Bakker		DATE			
				November 5, 2009			
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