

MATERIAL SAFETY DATA SHEET

IDENTIFICATION & USE	TYPE OF PRODUCT Chloride standard		CHEMICAL FAMILY inorganic salt solution							
	PRODUCT NUMBER Orion 941707		FORMULA							
	MANUFACTURER'S NAME AND ADDRESS Thermo Fisher		PRODUCT USE							
	166 Cummings Center		EMERGENCY TELEPHONE NO. 1-800-424-9300							
	Beverly, MA 01915									
	CONTAINER SIZE AND TYPE		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.			
			This product does not contain any hazardous ingredients or any ingredients which must be disclosed under existing Canadian regulations.							
PHYSICAL DATA	FREEZING POINT		0 °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		4-9	
	ODOUR THRESHOLD		Not Avail.	PHYSICAL STATE		GAS	LIQUID	PASTE	SOLID	POWDER
	ODOUR AND APPEARANCE		colourless solution, odourless							
	ODOUR AND APPEARANCE		colourless solution, odourless							
FIRE & EXPLOSION DATA	FLASH POINT AND METHOD OF DETERMINATION Not available				FLAMMABLE LIMITS		L.E.L.	U.E.L.		
	CONDITIONS OF FLAMMABILITY						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 Orion 941707		
	UNSTABLE						
	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) This product poses no health hazard.						
	EFFECTS OF EXPOSURE (CHRONIC)						
	EXPOSURE LIMITS						
	SENSITIZATION TO PRODUCT						
	CARCINOGENICITY						
	OTHER TOXICOLOGICAL EFFECTS						
	EMERGENCY AND FIRST AID PROCEDURES Ingestion: drink plenty of water.						
	Eyes: irrigate with water.						
	RESPIRATORY PROTECTION						
PREVENTIVE MEASURES	VENTILATION		LOCAL EXHAUST		SPECIAL		
			MECHANICAL (GENERAL)		OTHER		
	HAND PROTECTION			EYE PROTECTION			
	PROCEDURES TO BE FOLLOWED IN CASE OF LEAK OR SPILL Flush to drain.						
	WASTE DISPOSAL METHOD						
	HANDLING PROCEDURES AND EQUIPMENT						
	STORAGE REQUIREMENTS						
	SPECIAL SHIPPING INFORMATION						
PREPARATION	PREPARED BY Peter Bakker		APPROVED BY Peter Bakker				
	TITLE		TITLE		TELEPHONE		
			Chemistry Manager		(519) 941-8161		
		<i>Peter Bakker</i>		DATE November 5, 2009			
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