



I - PRODUCT IDENTIFICATION AND USE				MSDS ID: 4559	
PRODUCT NAME: ICE MELTER					
USE: Walk and Roadway Ice Remover					
SUPPLIER: JohnsonDiversey Canada, Inc. 2401 Bristol Circle Oakville Ontario, L6H 6P1, Canada			EMERGENCY PHONE: 1-800-668-7171		
WHMIS CLASSIFICATION: D2B			TRADE NAME / SYNONYMS: not applicable		
CHEMICAL FAMILY: salt			CHEMICAL NAME: Calcium chloride		
II - HAZARDOUS INGREDIENTS					
HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species	
Calcium chloride	60-100	010043-52-4	LD50 1000 mg/kg	oral/rat	
III - HANDLING AND DISPOSAL PROCEDURES					
PERSONAL PROTECTIVE EQUIPMENT:					
Gloves: natural rubber or neoprene		Eye: Safety glasses		Footwear: not required	
Respiratory: NIOSH approved dust mask as required.		Other: not required			
SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Avoid eye and skin contact. Avoid breathing dust.					
VENTILATION REQUIREMENTS: general ventilation					
INCOMPATIBILITY (Material to Avoid): not available					
SPILL PROCEDURES: Sweep or scoop up material for disposal.					
WASTE DISPOSAL: Dispose according to municipal, provincial, and federal regulations.					
STORAGE / SHIPPING REQUIREMENT: Store in a cool dry area in a closed container. Do not expose to air. Avoid high humidity					
IV - PHYSICAL PROPERTIES					
APPEARANCE / ODOUR: White flakes, odourless					
S.G. / BULK DENSITY(g/cc): 0.84			pH: Not available		
VAPOUR PRESSURE (mmHg): not applicable			VAPOUR DENSITY (air=1): not applicable		
ODOUR THRESHOLD: not available			BOILING POINT: not applicable		
FREEZING POINT: not applicable			PERCENT VOLATILE: not applicable		
SOLUBILITY IN WATER: soluble			EVAPORATION RATE (water=1): not applicable		
V - TOXICOLOGICAL PROPERTIES					
EFFECTS OF ACUTE EXPOSURE TO MATERIAL:					
EYES: May cause severe irritation. No serious or irreversible effects expected if treated promptly.					
SKIN: Repeated or prolonged contact may result in irritation.					
INGESTION: May cause severe irritation of the digestive tract. No serious or irreversible effects expected if treated promptly.					
INHALATION: Breathing dust may cause respiratory irritation.					
LD50 (calculated): 1000 mg/kg			LC50 (calculated): not available		
OTHER TOXIC EFFECTS: none known					

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: none known

VI - FIRST AID MEASURES

EYES: Flush eyes with plenty of water for at least 15 minutes. Hold eyelids open while rinsing. Contact a physician immediately.

SKIN: Flush affected area thoroughly with water. If irritation develops, contact a physician.

INGESTION: Drink large volumes of water. Never give anything by mouth to an unconscious patient. Do not induce vomiting. Contact a physician immediately.

INHALATION: Remove patient to fresh air. If symptoms persist, contact a physician.

VII - FIRE AND EXPLOSION DATA

FLAMMABLE: No.

FLASH POINT, °C: not applicable

AUTO IGNITION TEMPERATURE, °C: N/Ap

EXTINGUISHING MEDIA: Water ☒ Dry Chemical ☒ Carbon Dioxide ☒ Foam ☒ Other ☐

SPECIAL FIRE FIGHTING PROCEDURES: not required

HAZARDOUS COMBUSTION PRODUCTS: not applicable.

EXPLOSIVE SENSITIVITY TO: not applicable

VIII - REACTIVITY DATA

STABILITY: Stable ☒ Unstable ☐

CONDITIONS TO AVOID: not applicable

INCOMPATIBILITY (Material to Avoid) : not available

HAZARDOUS DECOMPOSITION PRODUCTS: not available

REACTIVITY: not dangerously reactive

IX - MSDS PREPARATION

SOURCES USED: RTECS, MSDS

PREPARED BY: JohnsonDiversey Canada, Inc.
Regulatory Department
Industrial Division
Phone (905) 829-1200

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