

I - PRODUCT IDENTIFICATION AND USE				MSDS ID: 0015
PRODUCT NAME: X-CELL 414				
USE: Biocide		PCP # 21814		
SUPPLIER: JohnsonDiversey Canada, Inc. 2401 Bristol Circle Oakville Ontario, L6H 6P1, Canada		EMERGENCY PHONE: 1-800-668-7171		
WHMIS CLASSIFICATION: exempt		TRADE NAME / SYNONYMS: not applicable		
CHEMICAL FAMILY: not applicable		CHEMICAL NAME: not applicable		
II - HAZARDOUS INGREDIENTS				
HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Methylene bis(thiocyanate)	7-13	006317-18-6	LD50 411 mg/kg	oral/rat
III - HANDLING AND DISPOSAL PROCEDURES				
PERSONAL PROTECTIVE EQUIPMENT:				
Gloves: natural rubber		Eye: safety goggles		Footwear: not required
Respiratory: If mists are generated, use NIOSH approved mask		Other: not required		
SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Avoid eye and skin contact. Do not breathe mist or spray.				
VENTILATION REQUIREMENTS: general ventilation				
INCOMPATIBILITY (Material to Avoid): Strong acids, strong alkali, strong oxidizers.				
SPILL PROCEDURES: Contain the spill. Do not allow the spilled product to go to drain. Mop up or soak up with absorbent clay 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. UN2922				
IV - PHYSICAL PROPERTIES				
APPEARANCE / ODOUR: Thick creamy liquid				
S.G. / BULK DENSITY(g/cc): 1.03		pH: (Concentrate): 5-6		
VAPOUR PRESSURE (mmHg): not available		VAPOUR DENSITY (air=1): not available		
ODOUR THRESHOLD: not available		BOILING POINT: not available		
FREEZING POINT: not available		PERCENT VOLATILE: not available		
SOLUBILITY IN WATER: dispersable		EVAPORATION RATE (water=1): not available		
V - TOXICOLOGICAL PROPERTIES				
EFFECTS OF ACUTE EXPOSURE TO MATERIAL:				
EYES: Corrosive. May cause temporary or permanent damage if not treated promptly.				
SKIN: May cause severe irritation. May cause temporary or permanent damage if not treated promptly.				
INGESTION: Harmful if swallowed.				
INHALATION: Breathing spray or mist may cause respiratory irritation.				
LD50 (calculated): 411 mg/kg		LC50 (calculated):		
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: Do not induce vomiting. Drink large volumes of water. Never give anything by mouth to an unconscious patient. Contact a physician immediately.
INHALATION: Remove patient to fresh air. Contact a physician.

VII - FIRE AND EXPLOSION DATA

FLAMMABLE: NO

FLASH POINT, °C: Not below 100°C TCC

AUTO IGNITION TEMPERATURE, °C: N/App.

EXTINGUISHING MEDIA: Water [X] Dry Chemical [X] Carbon Dioxide [X] Foam [X] Other []

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus.

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon, nitrogen, sulphur.

EXPLOSIVE SENSITIVITY TO: not applicable

VIII - REACTIVITY DATA

STABILITY: Stable [X] Unstable []

CONDITIONS TO AVOID: high temperature

INCOMPATIBILITY (Material to Avoid) : Strong acids, strong alkali, oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of sulphur, Nitrogen and carbon.

REACTIVITY: not dangerously reactive

IX - MSDS PREPARATION

SOURCES USED: Raw material MSDS

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

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