



I - PRODUCT IDENTIFICATION AND USE				MSDS ID: 2668	
PRODUCT NAME: BARRICADE					
USE: Protective Coating					
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: not applicable			CHEMICAL NAME: not applicable		
II - HAZARDOUS INGREDIENTS					
HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species	
Morpholine	1-5	000110-91-8	LD50 1910mg/kg	oral/rat	
III - HANDLING AND DISPOSAL PROCEDURES					
PERSONAL PROTECTIVE EQUIPMENT:					
Gloves: natural rubber or neoprene		Eye: safety glasses		Footwear: not required	
Respiratory: not required		Other: not required			
SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Avoid eye and prolonged skin contact. Do not breathe mist or spray.					
VENTILATION REQUIREMENTS: general ventilation					
INCOMPATIBILITY (Material to Avoid): oxidizing materials					
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. Wash spill area with large volumes of water.					
WASTE DISPOSAL: Dispose according to municipal, provincial, and federal regulations.					
STORAGE / SHIPPING REQUIREMENT: Store in a cool dry area in a closed container. Avoid freezing.					
IV - PHYSICAL PROPERTIES					
APPEARANCE / ODOUR: Opaque emulsion, musty odour					
S.G. / BULK DENSITY(g/cc): 0.960 ± 0.02			pH: (concentrate): 9.4 ± 0.5		
VAPOUR PRESSURE (mmHg): not available			VAPOUR DENSITY (air=1): not available		
ODOUR THRESHOLD: not available			BOILING POINT: 100°C		
FREEZING POINT: approx. 0°C			PERCENT VOLATILE: 74 %		
SOLUBILITY IN WATER: Soluble			EVAPORATION RATE (water=1): approx. 1		
V - TOXICOLOGICAL PROPERTIES					
EFFECTS OF ACUTE EXPOSURE TO MATERIAL:					
EYES: May cause irritation. No serious or irreversible effects expected if treated promptly.					
SKIN: Repeated or prolonged contact may result in irritation.					
INGESTION: May cause irritation of the digestive tract.					
INHALATION: May cause headache but only at high concentration.					
LD50 (calculated): 45000 calculated			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.

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.

VII - FIRE AND EXPLOSION DATA

FLAMMABLE: No

FLASH POINT, °C: not applicable

AUTO IGNITION TEMPERATURE, °C: N/Ap

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

SPECIAL FIRE FIGHTING PROCEDURES: not required

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon, nitrogen.

EXPLOSIVE SENSITIVITY TO: not applicable

VIII - REACTIVITY DATA

STABILITY: Stable [x] Unstable []

CONDITIONS TO AVOID: not applicable

INCOMPATIBILITY (Material to Avoid) : oxidizing materials

HAZARDOUS DECOMPOSITION PRODUCTS: Heat released on contact with oxidizing materials.

REACTIVITY: not dangerously reactive

IX - MSDS PREPARATION

SOURCES USED: RTECS, MSDS

PREPARED BY: JohnsonDiversey Canada, Inc.
Regulatory Department
Institutional Division
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PREPARATION DATE: April 15, 2003

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