

I - PRODUCT IDENTIFICATION AND USE		MSDS ID: 03152
PRODUCT NAME: PENETREX		
USE: Dispersant/Antifoulant		
SUPPLIER: JohnsonDiversey Canada, Inc. 2401 Bristol Circle Oakville Ontario, L6H 6P1, Canada		EMERGENCY PHONE: 1-800-668-7171
WHMIS CLASSIFICATION: not applicable CHEMICAL FAMILY: Polyglycols		TRADE NAME / SYNONYMS: not applicable CHEMICAL NAME: Poly(oxyethylene)- (oxypropylene) Glycol
II - HAZARDOUS INGREDIENTS		
HAZARDOUS INGREDIENT	% w/w	CAS #
No hazardous ingredients		
III - HANDLING AND DISPOSAL PROCEDURES		
PERSONAL PROTECTIVE EQUIPMENT: Gloves: Natural Rubber, Neoprene or Nitrile 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 prolonged skin contact.		
VENTILATION REQUIREMENTS: General ventilation		
INCOMPATIBILITY (Material to Avoid): Oxidizing agents		
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.		
IV - PHYSICAL PROPERTIES		
APPEARANCE / ODOUR: Clear, colourless liquid		
S.G. / BULK DENSITY(g/cc): 1.04	pH: 3.4	
VAPOUR PRESSURE (mmHg): 17.5 @ 20°C	VAPOUR DENSITY (air=1): not applicable	
ODOUR THRESHOLD: not available	BOILING POINT: 100°	
FREEZING POINT: >0°C	PERCENT VOLATILE: 40%	
SOLUBILITY IN WATER: insoluble	EVAPORATION RATE (water=1): not applicable	
V - TOXICOLOGICAL PROPERTIES		
EFFECTS OF ACUTE EXPOSURE TO MATERIAL: EYES: Slightly irritating. SKIN: Repeated or prolonged contact may result in irritation. INGESTION: Swallowing large amounts may cause diarrhea, weakness, increased salivation and rhinitis. INHALATION: No serious or irreversible effects expected.		
LD50 (calculated): not available	LC50 (calculated): not available	

OTHER TOXIC EFFECTS: none known

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: not available

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.
INHALATION: Remove patient to fresh air.

VII - FIRE AND EXPLOSION DATA

FLAMMABLE: No

FLASH POINT, °C: not applicable **AUTO IGNITION TEMPERATURE, °C:** N/Av

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

EXPLOSIVE SENSITIVITY TO: not applicable

VIII - REACTIVITY DATA

STABILITY: Stable [x] Unstable []

CONDITIONS TO AVOID: Not applicable

INCOMPATIBILITY (Material to Avoid) : Oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: None known

REACTIVITY: Not applicable

IX - MSDS PREPARATION

SOURCES USED: Supplier MSDS

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

PREPARATION DATE: April 15, 2003

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