



I - PRODUCT IDENTIFICATION AND USE				MSDS ID: 1469	
PRODUCT NAME: PD-4903					
USE: Enzymatic Cleaner					
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: surfactant/enzyme			CHEMICAL NAME: not applicable		
II - HAZARDOUS INGREDIENTS					
HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species	
Cellulase solution	100	009012-54-8	not available		
III - HANDLING AND DISPOSAL PROCEDURES					
PERSONAL PROTECTIVE EQUIPMENT:					
Gloves: Natural rubber, neoprene or nitrile		Eye: safety glasses		Footwear: not applicable	
Respiratory: If mists are generated, use NIOSH approved mask		Other: not required			
SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Avoid eye and skin contact.					
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: Brown liquid - fermentation odour					
S.G. / BULK DENSITY(g/cc): 1.225			pH: (concentrate) 5		
VAPOUR PRESSURE (mmHg): not available			VAPOUR DENSITY (air=1): not available		
ODOUR THRESHOLD: not available			BOILING POINT: approx. 100°C		
FREEZING POINT: 0°C			PERCENT VOLATILE: 88%		
SOLUBILITY IN WATER: soluble			EVAPORATION RATE (water=1): 1		
V - TOXICOLOGICAL PROPERTIES					
EFFECTS OF ACUTE EXPOSURE TO MATERIAL:					
EYES: May cause irritation. May cause temporary or permanent damage if not treated promptly.					
SKIN: May cause irritation.					
INGESTION: May cause temporary or permanent damage if not treated promptly.					
INHALATION: Breathing mist may cause respiratory irritation. Repeated or prolonged exposure may cause respiratory sensitization and allergic response in hypersensitive individuals.					
LD50 (calculated): not available			LC50 (calculated): not available		

OTHER TOXIC EFFECTS: none known	
EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:	Repeated or prolonged exposure may cause respiratory sensitization and allergic response in hypersensitive individuals.
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:	Induce vomiting. Contact a physician immediately.
INHALATION:	Remove patient to fresh air. Get medical attention for any breathing difficulty.
VII - FIRE AND EXPLOSION DATA	
FLAMMABLE: not applicable	
FLASH POINT, °C: not applicable	AUTO IGNITION TEMPERATURE, °C: N/A
EXTINGUISHING MEDIA: Water ☒ Dry Chemical ☒ Carbon Dioxide ☒ Foam ☒ Other ☐	
SPECIAL FIRE FIGHTING PROCEDURES: not required	
HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon, nitrogen, sulphur.	
EXPLOSIVE SENSITIVITY TO: not applicable	
VIII - REACTIVITY DATA	
STABILITY: Stable ☒ Unstable ☐	
CONDITIONS TO AVOID: high temperature	
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: MSDS	PREPARED BY: JohnsonDiversey Canada, Inc. Regulatory Department Institutional Division Phone (905) 829-1200
PREPARATION DATE: April 15, 2003	
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