



I - PRODUCT IDENTIFICATION AND USE				MSDS ID: 2445	
PRODUCT NAME: SPIRAL 9					
USE: Floor Finish					
SUPPLIER: JohnsonDiversey Canada, Inc. 2401 Bristol Circle Oakville Ontario, L6H 6P1, Canada			EMERGENCY PHONE: 1-800-668-7171		
WHMIS CLASSIFICATION: D2B CHEMICAL FAMILY: Acrylic			TRADE NAME / SYNONYMS: not applicable CHEMICAL NAME: not applicable		
II - HAZARDOUS INGREDIENTS					
HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species	
Tributoxyethyl phosphate	1-5	000078-51-3	LD50 3000 mg/kg	oral/rat	
Diethylene glycol monomethyl ether	1-5	000111-77-3	LD50 5500 mg/kg	oral/rat	
III - HANDLING AND DISPOSAL PROCEDURES					
PERSONAL PROTECTIVE EQUIPMENT: Gloves: natural rubber, neoprene or nitrile Eye: safety glasses Footwear: not required Respiratory: If mists are generated, use NIOSH approved mask Other: not applicable					
SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Avoid eye and skin contact.					
VENTILATION REQUIREMENTS: general ventilation					
INCOMPATIBILITY (Material to Avoid): Acids					
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: White, milky liquid w/lt slight ammonia odour					
S.G. / BULK DENSITY(g/cc): 1.02			pH: 8.0 - 8.5		
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: approx. 80%		
SOLUBILITY IN WATER: dispersable			EVAPORATION RATE (water=1): not available		
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: Irritation of the digestive tract. INHALATION: Excessive exposure may cause headache and nausea.					
LD50 (calculated): 83,800 mg/kg			LC50 (calculated): not applicable		

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. Get medical attention for any breathing difficulty.
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: 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: none known	
INCOMPATIBILITY (Material to Avoid) : Acids	
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and nitrogen	
REACTIVITY: not dangerously reactive	
IX - MSDS PREPARATION	
SOURCES USED: RTECS, Raw Material MSDS	PREPARED BY: JohnsonDiversey Canada. Inc. Regulatory Department Institutional Division Phone (905) 829-1200
PREPARATION DATE: April 15, 2003	
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