



I - PRODUCT IDENTIFICATION AND USE				MSDS ID: 1339	
PRODUCT NAME: Divercid 6B					
USE: Laundry Sour					
SUPPLIER: JohnsonDiversey Canada, Inc. 2401 Bristol Circle Oakville Ontario, L6H 6P1, Canada			EMERGENCY PHONE: 1-800-668-7171		
WHMIS CLASSIFICATION: D1A E			TRADE NAME / SYNONYMS: not applicable		
CHEMICAL FAMILY: Mineral Acid, Silicofluorides			CHEMICAL NAME: not applicable		
II - HAZARDOUS INGREDIENTS					
HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species	
Hydrofluorosilicic acid	10-30	016961-83-4	LDLo 140 mg/kg	oral/rat	
III - HANDLING AND DISPOSAL PROCEDURES					
PERSONAL PROTECTIVE EQUIPMENT:					
Gloves: impermeable gloves		Eye: safety goggles		Footwear: rubber boots	
Respiratory: If mists are generated, use NIOSH approved mask		Other: not required			
SPECIAL HANDLING PROCEDURES AND EQUIPMENT: avoid eye and skin contact. If concentrations exceed TWA(2.5mg/m ³ as F) NIOSH approved respirator is required. Do not wear contact lenses.					
VENTILATION REQUIREMENTS: mechanical exhaust					
INCOMPATIBILITY (Material to Avoid): alkalis, chlorinated compounds, soft metals and glass.					
SPILL PROCEDURES: Contain the spill. Do not allow the spilled product to go to drain. Wear protective equipment. Neutralize with calcium hydroxide. 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. UN1778					
IV - PHYSICAL PROPERTIES					
APPEARANCE / ODOUR: Dark blue liquid					
S.G. / BULK DENSITY(g/cc): 1.12			pH: 2.1 ± 0.5		
VAPOUR PRESSURE (mmHg): 10			VAPOUR DENSITY (air=1): not applicable		
ODOUR THRESHOLD: not available			BOILING POINT: approx. 100°C		
FREEZING POINT: approx. 0°C			PERCENT VOLATILE: approx. 86%		
SOLUBILITY IN WATER: soluble			EVAPORATION RATE (water=1): 1		
V - TOXICOLOGICAL PROPERTIES					
EFFECTS OF ACUTE EXPOSURE TO MATERIAL:					
EYES: Corrosive. May cause severe irritation. May cause permanent damage if not treated promptly.					
SKIN: Corrosive. May cause severe irritation. May cause temporary or permanent damage if not treated promptly.					
INGESTION: Harmful if swallowed. May be fatal.					
INHALATION: Breathing vapour may cause severe respiratory irritation. May cause temporary or permanent damage if not treated promptly.					
LD50 (calculated): LDLo 560 mg/kg			LC50 (calculated): not available		

OTHER TOXIC EFFECTS: TWA 2.5 mg/m3 as F. Highly toxic by ingestion and inhalation.	
EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: Repeated or prolonged exposure may cause blood anemia and fluorosis.	
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. Contact a physician immediately. If conscious give immediately, by mouth, large amounts of a fine suspension in water of a non-toxic calcium compound such as calcium lactate . If these are not readily available, give large amounts of water.
INHALATION:	Remove patient to fresh air. Contact a physician.
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: Use water spray to cool fire exposed containers. Use water spary to disperse fumes.	
HAZARDOUS COMBUSTION PRODUCTS: Decomposition above 105°C will produce toxic and corrosive hydrogen fluoride and silicon tetrafluoride.	
EXPLOSIVE SENSITIVITY TO: not applicable	
VIII - REACTIVITY DATA	
STABILITY: Stable [X] Unstable []	
CONDITIONS TO AVOID: not applicable	
INCOMPATIBILITY (Material to Avoid) : alkali, soft metals, chlorinated materials.	
HAZARDOUS DECOMPOSITION PRODUCTS: Contact with alkali will generate heat. Contact with soft metals forms flammable hydrogen gas. Contact with chlorinated materials releases chlorine gas.	
REACTIVITY: not dangerously reactive	
IX - MSDS PREPARATION	
SOURCES USED: RTECS, Fluorosilicic Acid MSDS	PREPARED BY: JohnsonDiversey Canada. Inc. Regulatory Department Institutional Division Phone (905) 829-1200
PREPARATION DATE: April 15, 2003	
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