

I - PRODUCT IDENTIFICATION AND USE		MSDS ID: 1210		
PRODUCT NAME: DISINFECTANT BOWL CLEANER C18				
USE: Toilet Bowl Cleaner				
SUPPLIER: JohnsonDiversey Canada, Inc. 2401 Bristol Circle Oakville Ontario, L6H 6P1, Canada	EMERGENCY PHONE: 1-800-668-7171			
WHMIS CLASSIFICATION: exempt	TRADE NAME / SYNONYMS: not applicable			
CHEMICAL FAMILY: Mineral Acid	CHEMICAL NAME: not applicable			
II - HAZARDOUS INGREDIENTS				
HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Phosphoric acid	10-30	007664-38-2	LD50 1530 mg/kg	oral/rat
Hydrochloric acid	3-7	007647-01-0	LD50 900 mg/kg	oral/rab
Isopropanol	10-30	000067-63-0	LD50 5045 mg/kg	oral/rat
Sodium dodecylbenzene sulphonate	10-30	027176-87-0	LD50 650 mg/kg	oral/rat
III - HANDLING AND DISPOSAL PROCEDURES				
PERSONAL PROTECTIVE EQUIPMENT:				
Gloves: impermeable gloves	Eye: safety goggles	Footwear: not required		
Respiratory: If mists are generated, use NIOSH approved mask	Other: not required			
SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Use only in well ventilated area. Do not expose to spark or open flame.				
VENTILATION REQUIREMENTS: General ventilation				
INCOMPATIBILITY (Material to Avoid): Alkalis, chlorinated materials.				
SPILL PROCEDURES: Contain the spill. Do not allow the spilled product to go to drain. Neutralize with soda ash or sodium bicarbonate. 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: Green opaque liquid - mild wintergreen odour				
S.G. / BULK DENSITY(g/cc): 1.08	pH: (1% solution): 1.5			
VAPOUR PRESSURE (mmHg): not available	VAPOUR DENSITY (air=1): not applicable			
ODOUR THRESHOLD: not available	BOILING POINT: 94°C			
FREEZING POINT: not available	PERCENT VOLATILE: 65%			
SOLUBILITY IN WATER: soluble	EVAPORATION RATE (water=1): not available			
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:	Corrosive. May cause severe irritation of the digestive tract. May cause permanent damage if not treated promptly.			

INHALATION: Breathing mist may cause severe respiratory irritation.	
LD50 (calculated): 2400 mg/kg	LC50 (calculated): not available
OTHER TOXIC EFFECTS: none known	
EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: Prolonged or repeated contact with skin can cause dermatitis.	
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.
VII - FIRE AND EXPLOSION DATA	
FLAMMABLE: Yes	
FLASH POINT, °C: 33°C, TCC	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: Hydrogen chloride gas. Oxides of carbon.	
EXPLOSIVE SENSITIVITY TO: not applicable	
VIII - REACTIVITY DATA	
STABILITY: Stable [x] Unstable []	
CONDITIONS TO AVOID: Contact with soft metals.	
INCOMPATIBILITY (Material to Avoid) : Alkalis, soft metals, chlorinated materials .	
HAZARDOUS DECOMPOSITION PRODUCTS: Contact with soft metals forms flammable hydrogen gas. Contact with sulfites and sulfides or Chlorine Bleach could release toxic gases. Contact with alkali will generate heat.	
REACTIVITY: not dangerously reactive	
IX - MSDS PREPARATION	
SOURCES USED: MSDS, RTECS	PREPARED BY: JohnsonDiversev Canada. Inc. Regulatory Department Institutional Division Phone (905) 829-1200
PREPARATION DATE: April 15, 2003	
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