



I - PRODUCT IDENTIFICATION AND USE				MSDS ID: 0545	
PRODUCT NAME: DuMETER 2000					
USE: Acid cleaner					
SUPPLIER: JohnsonDiversey Canada, Inc. 2401 Bristol Circle Oakville Ontario, L6H 6P1, Canada			EMERGENCY PHONE: 1-800-668-7171		
WHMIS CLASSIFICATION: D2B E			TRADE NAME / SYNONYMS: not applicable		
CHEMICAL FAMILY: Acid			CHEMICAL NAME: not applicable		
II - HAZARDOUS INGREDIENTS					
HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species	
Oxalic acid	7-10	000144-62-7	LD50 375 mg/kg	oral/rat	
Linear alcohol ethoxylate	3-7	068002-97-1	LD50 2750 mg/kg	oral/rat	
III - HANDLING AND DISPOSAL PROCEDURES					
PERSONAL PROTECTIVE EQUIPMENT:					
Gloves: Natural Rubber or Neoprene		Eye: safety goggles		Footwear: rubber boots	
Respiratory: If mists are generated, use NIOSH approved mask		Other: rubber apron			
SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Avoid eye and skin contact. Do not breathe mist or spray.					
VENTILATION REQUIREMENTS: general ventilation					
INCOMPATIBILITY (Material to Avoid): Alkaline or chlorinated 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. UN1760					
IV - PHYSICAL PROPERTIES					
APPEARANCE / ODOUR: Hazy colourless liquid - mild odour					
S.G. / BULK DENSITY(g/cc): 1.03			pH: (concentrate) 1.4		
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: 85%		
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. Ingestion of large doses can be fatal.					
INHALATION: Inhalation of spray or mist may cause respiratory irritation. May cause headache and nausea.					
LD50 (calculated): 4778 mg/kg			LC50 (calculated): not available		

OTHER TOXIC EFFECTS: TLV: Oxalic acid TWA 1 mg.m3.	
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 persists, 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: not required	
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) : Alkaline or chlorinated materials.	
HAZARDOUS DECOMPOSITION PRODUCTS: oxides of carbon	
REACTIVITY: not dangerously reactive	
IX - MSDS PREPARATION	
SOURCES USED: RTECS, ChemInfo	PREPARED BY: JohnsonDiversey Canada. Inc. Regulatory Department Industrial Division Phone (905) 829-1200
PREPARATION DATE: April 15, 2003	
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