



I - PRODUCT IDENTIFICATION AND USE				MSDS ID: 0100	
PRODUCT NAME: SU 188 CHLORINATED MANUAL CLEANER					
USE: Chlorinated Manual Cleaner					
SUPPLIER: JohnsonDiversey Canada, Inc. 2401 Bristol Circle Oakville Ontario, L6H 6P1, Canada			EMERGENCY PHONE: 1-800-668-7171		
WHMIS CLASSIFICATION: D2B CHEMICAL FAMILY: Chlorinated Alkali			TRADE NAME / SYNONYMS: not applicable CHEMICAL NAME: not applicable		
II - HAZARDOUS INGREDIENTS					
HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species	
Sodium dodecylbenzene sulphonate	7-13	025155-30-0	LD50 1260 mg/kg	oral/rat	
Sodium carbonate	30-60	000497-19-8	LD50 4090 mg/kg	oral/rat	
Sodium dichlorisocyanurate dihydrate	1-5	051580-86-0	LD50 620 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: NIOSH approved dust mask Other: rubber apron					
SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Avoid eye and skin contact. Avoid breathing dust.					
VENTILATION REQUIREMENTS: mechanical exhaust					
INCOMPATIBILITY (Material to Avoid): acids, reducing agents, ammonia and amines					
SPILL PROCEDURES: Sweep or scoop up material 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: White, free-flowing powder					
S.G. / BULK DENSITY(g/cc): 0.9-1.0			pH: (1%) 10.4		
VAPOUR PRESSURE (mmHg): not applicable			VAPOUR DENSITY (air=1): not applicable		
ODOUR THRESHOLD: not available			BOILING POINT: not applicable		
FREEZING POINT: not applicable			PERCENT VOLATILE: not applicable		
SOLUBILITY IN WATER: Soluble			EVAPORATION RATE (water=1): not applicable		
V - TOXICOLOGICAL PROPERTIES					
EFFECTS OF ACUTE EXPOSURE TO MATERIAL: EYES: Corrosive. May cause severe irritation. May cause permanent damage if not treated promptly. SKIN: May cause severe irritation. INGESTION: May cause severe irritation of digestive tract. INHALATION: Breathing dust may cause respiratory irritation.					
LD50 (calculated): 4536 mg/kg			LC50 (calculated): not available		

OTHER TOXIC EFFECTS: none known	
EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: not available	
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: Chlorine gas. Oxides of carbon, nitrogen.	
EXPLOSIVE SENSITIVITY TO: not applicable	
VIII - REACTIVITY DATA	
STABILITY: Stable [x] Unstable []	
CONDITIONS TO AVOID: heat, moisture	
INCOMPATIBILITY (Material to Avoid) : acids, reducing agents, amines and ammonia	
HAZARDOUS DECOMPOSITION PRODUCTS: Contact with acids will produce heat and release chlorine gas. Reducing agents can generate heat releasing chlorine. Contact with ammonia and nitrogen containing compounds can produce nitrogen gas and chloramines.	
REACTIVITY: not dangerously reactive	
IX - MSDS PREPARATION	
SOURCES USED: RTECS	PREPARED BY: JohnsonDiversey Canada, Inc. Regulatory Department Food Division Phone (905) 829-1200
PREPARATION DATE: April 15, 2003	
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