



I - PRODUCT IDENTIFICATION AND USE		MSDS ID: 2918229		
<b>PRODUCT NAME:</b> LOW FOAMING HEAVY DUTY CLEANER 555				
<b>USE:</b> Low foaming heavy duty cleaner				
<b>SUPPLIER:</b> JohnsonDiversey Canada, Inc. 2401 Bristol Circle Oakville Ontario, L6H 6P1, Canada	<b>EMERGENCY PHONE:</b>  <b>1-800-668-7171</b>			
<b>WHMIS CLASSIFICATION:</b> E <b>CHEMICAL FAMILY:</b> alkali	<b>TRADE NAME / SYNONYMS:</b> not applicable <b>CHEMICAL NAME:</b> not applicable			
II - HAZARDOUS INGREDIENTS				
HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Sodium hydroxide	1-5	001310-73-2	LDLo 500 mg/kg	oral/rab
Sodium silicate	1-5	001344-09-8	LD50 3300 mg/kg	oral/rat
Alcohol ethoxylate	1-5	068439-46-3	LD50 1378 mg/kg	oral/rat
III - HANDLING AND DISPOSAL PROCEDURES				
<b>PERSONAL PROTECTIVE EQUIPMENT:</b>				
<b>Gloves:</b> Natural rubber or neoprene	<b>Eye:</b> Safety goggles	<b>Footwear:</b> Not required		
<b>Respiratory:</b> If mists are generated, use NIOSH approved mask	<b>Other:</b> Not required			
<b>SPECIAL HANDLING PROCEDURES AND EQUIPMENT:</b> Avoid eye and skin contact. Do not breathe mist or spray.				
<b>VENTILATION REQUIREMENTS:</b> General ventilation				
<b>INCOMPATIBILITY (Material to Avoid):</b> Acidic materials				
<b>SPILL PROCEDURES:</b> 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.				
<b>WASTE DISPOSAL:</b> Dispose according to municipal, provincial, and federal regulations.				
<b>STORAGE / SHIPPING REQUIREMENT:</b> Store in a cool dry area in a closed container. Avoid freezing. UN1824				
IV - PHYSICAL PROPERTIES				
<b>APPEARANCE / ODOUR:</b> Clear red liquid with mild odour				
<b>S.G. / BULK DENSITY(g/cc):</b> 1.06		<b>pH:</b> 13.6		
<b>VAPOUR PRESSURE (mmHg):</b> not available		<b>VAPOUR DENSITY (air=1):</b> not available		
<b>ODOUR THRESHOLD:</b> not available		<b>BOILING POINT:</b> approx. 100°C		
<b>FREEZING POINT:</b> not available		<b>PERCENT VOLATILE:</b> 88%		
<b>SOLUBILITY IN WATER:</b> soluble		<b>EVAPORATION RATE (water=1):</b> 1		
V - TOXICOLOGICAL PROPERTIES				
<b>EFFECTS OF ACUTE EXPOSURE TO MATERIAL:</b>				
<b>EYES:</b> Corrosive. May cause severe irritation. May cause permanent damage if not treated promptly.				
<b>SKIN:</b> May cause severe irritation. May cause temporary damage if not treated promptly.				
<b>INGESTION:</b> Corrosive. May cause severe irritation of the digestive tract. May cause temporary or permanent damage if not treated promptly.				
<b>INHALATION:</b> Breathing mist or spray may cause respiratory irritation.				

<b>LD50 (calculated):</b> LD50 13,839 mg/kg	<b>LC50 (calculated):</b> not available
<b>OTHER TOXIC EFFECTS:</b> Sodium Hydroxide TWA 2 mg/m3; Sodium Silicate TLV 5 mg/m3 manual	
<b>EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:</b> none known	
<b>VI - FIRST AID MEASURES</b>	
<b>EYES:</b>	Flush eyes with plenty of water for at least 15 minutes. Hold eyelids open while rinsing. Contact a physician immediately.
<b>SKIN:</b>	Flush affected area thoroughly with water. If irritation develops, contact a physician.
<b>INGESTION:</b>	Drink large volumes of water . Never give anything by mouth to an unconscious patient. Do not induce vomiting. Contact a physician immediately.
<b>INHALATION:</b>	Remove patient to fresh air.
<b>VII - FIRE AND EXPLOSION DATA</b>	
<b>FLAMMABLE:</b> No	
<b>FLASH POINT, °C:</b> not applicable	<b>AUTO IGNITION TEMPERATURE, °C:</b> N/Ap.
<b>EXTINGUISHING MEDIA:</b> Water [x] Dry Chemical [x] Carbon Dioxide [x] Foam [x] Other [ ]	
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b> not required	
<b>HAZARDOUS COMBUSTION PRODUCTS:</b> Oxides of carbon, nitrogen.	
<b>EXPLOSIVE SENSITIVITY TO:</b> not applicable	
<b>VIII - REACTIVITY DATA</b>	
<b>STABILITY:</b> Stable [x] Unstable [ ]	
<b>CONDITIONS TO AVOID:</b> not applicable	
<b>INCOMPATIBILITY (Material to Avoid) :</b> acidic materials	
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b> Heat released on contact with acids.	
<b>REACTIVITY:</b> not dangerously reactive	
<b>IX - MSDS PREPARATION</b>	
<b>SOURCES USED:</b> RTECS	<b>PREPARED BY:</b> JohnsonDiversey Canada, Inc. Regulatory Department Industrial Division Phone (905) 829-1200
<b>PREPARATION DATE:</b> April 15, 2003	
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