



I - PRODUCT IDENTIFICATION AND USE				MSDS ID: 1600027
<b>PRODUCT NAME: DUJEL 1200</b>				
<b>USE:</b> Alkaline gel 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	5-10	001310-73-2	LDLo 500 mg/kg	oral/rab
Sodium myreth sulfate	1-5	009004-82-4	LD50 >5000 mg/kg	oral/rat
Ethanol	0.1-1.0	000064-17-5	LD50 7060 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> As required
<b>Respiratory:</b> If mists are generated, use NIOSH approved mask		<b>Other:</b> Not normally 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> Acids, strong oxidizers, soft metals.				
<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> Viscous green liquid				
<b>S.G. / BULK DENSITY(g/cc):</b> 1.08		<b>pH:</b> (as is) 13.8		
<b>VAPOUR PRESSURE (mmHg):</b> not applicable		<b>VAPOUR DENSITY (air=1):</b> not applicable		
<b>ODOUR THRESHOLD:</b> not applicable		<b>BOILING POINT:</b> approx. 100°C		
<b>FREEZING POINT:</b> not available		<b>PERCENT VOLATILE:</b> 85%		
<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.				
<b>SKIN:</b> Corrosive. May cause severe irritation.				
<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> Inhalation of spray or mist may cause severe respiratory irritation.				

<b>LD50 (calculated):</b> 1656 mg/kg	<b>LC50 (calculated):</b> not applicable
<b>OTHER TOXIC EFFECTS:</b> Sodium Hydroxide TLV-CL 2 mg/m3	
<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. Get medical attention for any breathing difficulty.
<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/A
<b>EXTINGUISHING MEDIA:</b> Water [X] Dry Chemical [X] Carbon Dioxide [X] Foam [X] Other [ ]	
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b> Wear self-contained breathing apparatus.	
<b>HAZARDOUS COMBUSTION PRODUCTS:</b> Oxides of carbon and nitrogen.	
<b>EXPLOSIVE SENSITIVITY TO:</b> not applicable	
<b>VIII - REACTIVITY DATA</b>	
<b>STABILITY:</b> Stable [X] Unstable [ ]	
<b>CONDITIONS TO AVOID:</b> Avoid freezing, high temperature.	
<b>INCOMPATIBILITY (Material to Avoid) :</b> Acids, soft metals, strong oxidizers.	
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b> Heat released on contact with acids. Contact with soft metals forms flammable hydrogen gas.	
<b>REACTIVITY:</b> not dangerously reactive	
<b>IX - MSDS PREPARATION</b>	
<b>SOURCES USED:</b> RTECS, MSDS	<b>PREPARED BY:</b> JohnsonDiversey Canada, Inc. Regulatory Department Industrial Division Phone (905) 829-1200
<b>PREPARATION DATE:</b> June 4, 2004	
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