



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 57430

PRODUCT NAME: POWERGEL**USE:** Heavy duty caustic gel cleaner**SUPPLIER:**JohnsonDiversey Canada, Inc.
2401 Bristol Circle
Oakville Ontario, L6H 6P1, Canada**EMERGENCY PHONE:****1-800-668-7171****WHMIS CLASSIFICATION:** B3 E**CHEMICAL FAMILY:** Detergent**TRADE NAME / SYNONYMS:** not applicable**CHEMICAL NAME:** not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Sodium lauryl ether sulfate	1-5	068081-91-4	not available	N/A
Diethylene glycol monoethyl ether	7-13	000111-90-0	LD50 5500 mg/kg	oral/rat
N-tallow alkyl-2,2'iminobis- ethanol-n-oxide	1-5	061791-46-6	not available	N/A
Sodium hydroxide	10-30	001310-73-2	LDLo 500 mg/kg	oral/rab
Ethyl alcohol	0.5-1.5	000064-17-5	LD50 7060 mg/kg	oral/rat

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:

Gloves: Natural Rubber, Neoprene or Nitrile **Eye:** Safety goggles **Footwear:** As required
Respiratory: If mists are generated, use NIOSH approved mask **Other:** Not normally required.

SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Avoid eye contact.**VENTILATION REQUIREMENTS:** mechanical exhaust**INCOMPATIBILITY (Material to Avoid):** Oxidizing materials, acids.**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. UN2920

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Clear yellow liquid**S.G. / BULK DENSITY(g/cc):** 1.23**pH:** (concentrate): 13**VAPOUR PRESSURE (mmHg):** not applicable**VAPOUR DENSITY (air=1):** not applicable**ODOUR THRESHOLD:** not available**BOILING POINT:** approx. 100°C**FREEZING POINT:** not available**PERCENT VOLATILE:** 73%**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 temporary or permanent damage if not treated promptly.**SKIN:** Repeated or prolonged contact may result in irritation.

INGESTION: May cause severe irritation of the digestive tract.	
INHALATION: May cause irritation.	
LD50 (calculated): 1000 mg/kg	LC50 (calculated): not applicable
OTHER TOXIC EFFECTS: TLV: (Sodium hydroxide) CL 2 mg/m3; (Diethylene glycol monoethyl ether) 100 mg/m3	
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. INHALATION: Remove patient to fresh air.	
VII - FIRE AND EXPLOSION DATA	
FLAMMABLE: Yes, combustible if heated.	
FLASH POINT, °C: 45°C	AUTO IGNITION TEMPERATURE, °C: N/Av
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: Oxides of carbon, sulphur, nitrogen.	
EXPLOSIVE SENSITIVITY TO: not applicable	
VIII - REACTIVITY DATA	
STABILITY: Stable [X] Unstable []	
CONDITIONS TO AVOID: Not applicable	
INCOMPATIBILITY (Material to Avoid) : Oxidizing materials, acids	
HAZARDOUS DECOMPOSITION PRODUCTS: Contact with acids will release heat.	
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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