



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 2656

PRODUCT NAME: DIV-O-KLEEN PLUS**USE:** General Purpose 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:** caustic alkali**TRADE NAME / SYNONYMS:** not applicable**CHEMICAL NAME:** not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Sodium hydroxide	15-40	001310-73-2	LD ₅₀ 500 mg/kg	oral/rat
Sodium dodecylbenzene sulphonate	1-5	025155-30-0	LD ₅₀ 1260 mg/kg	oral/rat
D-limonene	10-30	005989-27-5	LD ₅₀ 4400 mg/kg	oral/rat
Alkyl polyoxyethylene glycol ether	5-10	068439-46-3	LD ₅₀ 1400 mg/kg	oral/rat
Sodium xylene sulphonate	7-13	001300-72-7	LD ₅₀ 650 mg/kg	oral/rat
Propylene glycol	7-13	000057-55-6	LD ₅₀ 34 g/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, face shield**SPECIAL HANDLING PROCEDURES AND EQUIPMENT:** Avoid eye and skin contact. Do not breathe mist or spray.**VENTILATION REQUIREMENTS:** general ventilation**INCOMPATIBILITY (Material to Avoid):** Acidic material, aluminum, zinc**SPILL PROCEDURES:** Contain the spill. Do not allow the spilled product to go to drain. Neutralize with dilute acid. 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. UN2920

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Light brown liquid, mild orange odour**S.G. / BULK DENSITY(g/cc):** 1.163**pH:** (1% solution): 12.4 ± 0.5**VAPOUR PRESSURE (mmHg):** not available**VAPOUR DENSITY (air=1):** not applicable**ODOUR THRESHOLD:** not available**BOILING POINT:** >100°C**FREEZING POINT:** not available**PERCENT VOLATILE:** approx. 28%**SOLUBILITY IN WATER:** soluble**EVAPORATION RATE (water=1):** Approx. 1

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:** Corrosive. May cause severe irritation. May cause temporary or permanent damage if not treated promptly.

INGESTION: May cause irritation of the digestive tract. May cause nausea, vomiting and diarrhea.	
INHALATION: Breathing spray or mist may cause respiratory irritation. May cause headache, drowsiness and dizziness.	
LD50 (calculated): 910 mg/kg	LC50 (calculated): Not applicable
OTHER TOXIC EFFECTS: Sodium Hydroxide TLV-CL 2 mg/m3; Propylene Glycol 50 ppm AIHA WEEL	
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 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: Yes, combustible if heated.	
FLASH POINT, °C: 47°C (Pensky-Martens)	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: Oxides of carbon, sulphur.	
EXPLOSIVE SENSITIVITY TO: not applicable	
VIII - REACTIVITY DATA	
STABILITY: Stable [q] Unstable []	
CONDITIONS TO AVOID: high temperature	
INCOMPATIBILITY (Material to Avoid) : Acidic materials, aluminum, zinc.	
HAZARDOUS DECOMPOSITION PRODUCTS: Heat released on contact with acids. Contact with aluminum or zinc releases hydrogen gas.	
REACTIVITY: Not dangerously reactive	
IX - MSDS PREPARATION	
SOURCES USED: MSDS, RTECS.	PREPARED BY: JohnsonDiversey Canada, Inc. Regulatory Department Industrial Division Phone (905) 829-1200
PREPARATION DATE: April 15, 2003	
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