



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 00308

PRODUCT NAME: DUJEL 870**USE:** Gel heavy duty cleaner**SUPPLIER:**JohnsonDiversey Canada, Inc.
2401 Bristol Circle
Oakville Ontario, L6H 6P1, Canada**EMERGENCY PHONE:****1-800-668-7171****WHMIS CLASSIFICATION:** D2B**CHEMICAL FAMILY:** Solvent/Surfactant**TRADE NAME / SYNONYMS:** not applicable**CHEMICAL NAME:** not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Dioctyl sodium sulfosuccinate	1-5	000577-11-7	not available	oral/rat
Tetrapotassium pyrophosphate	1-5	007320-34-5	LD50 2980 mg/kg	
Potassium dodecylbenzene sulphonate	1-5	027177-77-1	not available	
Petroleum hydrocarbon	3-7	008008-20-6	not available	oral/rat
Ethanol	0.1-1	000064-17-5	LD50 7060 mg/kg	

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:**Gloves:** Natural rubber or neoprene**Eye:** Safety goggles**Footwear:** Not required**Respiratory:** If mists are generated, use NIOSH approved mask**Other:** Not required**SPECIAL HANDLING PROCEDURES AND EQUIPMENT:** Avoid eye and skin contact. Do not breathe mist or spray.**VENTILATION REQUIREMENTS:** General ventilation**INCOMPATIBILITY (Material to Avoid):** Concentrated acids, oxidizing agents.**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.**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.

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Milky, thin gel liquid**S.G. / BULK DENSITY(g/cc):** 0.99**pH:** (concentrate): 8.5**VAPOUR PRESSURE (mmHg):** not available**VAPOUR DENSITY (air=1):** not available**ODOUR THRESHOLD:** not available**BOILING POINT:** 100°C**FREEZING POINT:** not available**PERCENT VOLATILE:** approx. 73%**SOLUBILITY IN WATER:** soluble**EVAPORATION RATE (water=1):** >1

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:**EYES:** May cause severe irritation.**SKIN:** Repeated or prolonged contact may result in irritation. May cause defatting, drying and cracking of skin.**INGESTION:** May cause severe irritation of the digestive tract.

INHALATION: May cause severe irritation.	
LD50 (calculated): 2980 mg/kg	LC50 (calculated): not available
OTHER TOXIC EFFECTS: Petroleum Hydrocarbon TWA 100 mg/m3 (10 Hr); Tetrapotassium Pyrophosphate TLV 10 mg/m3; Ethanol TWA 1000 ppm	
EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: Same as above	
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 available	AUTO IGNITION TEMPERATURE, °C: None
EXTINGUISHING MEDIA: Water [] Dry Chemical [X] Carbon Dioxide [X] Foam [X] Other []	
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus. Use water to extinguish only if large volumes are available to flood area.	
HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon, sulphur.	
EXPLOSIVE SENSITIVITY TO: not applicable	
VIII - REACTIVITY DATA	
STABILITY: Stable [X] Unstable []	
CONDITIONS TO AVOID: High temperature, freezing	
INCOMPATIBILITY (Material to Avoid) : Concentrated mineral acids, oxidizing materials.	
HAZARDOUS DECOMPOSITION PRODUCTS: None	
REACTIVITY: not dangerously reactive	
IX - MSDS PREPARATION	
SOURCES USED: RTECS, ChemInfo.	PREPARED BY: JohnsonDiversey Canada, Inc. Regulatory Department Industrial Division Phone (905) 829-1200
PREPARATION DATE: April 15, 2003	
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