

I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 81001

PRODUCT NAME: SUNLIGHT QUATERNARY DISINFECTANT

USE: Sanitizer

DIN 02167697

SUPPLIER:

JohnsonDiversey Canada, Inc.
2401 Bristol Circle
Oakville Ontario, L6H 6P1, Canada

EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: exempt

CHEMICAL FAMILY: Cationic Surfactant

TRADE NAME / SYNONYMS: not applicable

CHEMICAL NAME: not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Alkyl dimethyl benzyl ammonium chloride	3-7	068391-01-5	LD50 7000 mg/kg	oral/rat
Ethanol	1-5	000064-17-5	LD50 7060 mg/kg	oral/rat
Alkyl dimethyl ethyl benzyl ammonium chloride	3-7	068956-79-6	LD50 7000	oral/rat

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:

Gloves: natural rubber, neoprene or nitrile

Eye: safety goggles

Footwear: not required

Respiratory: If mists are generated, use NIOSH approved mask.

Other: not applicable

SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Do not breathe mist or spray.

VENTILATION REQUIREMENTS: mechanical exhaust

INCOMPATIBILITY (Material to Avoid): Anionic materials and strong oxidizers.

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.

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Clear colourless liquid

S.G. / BULK DENSITY(g/cc): 0.99

pH: (1% solution) 6.5

VAPOUR PRESSURE (mmHg): not applicable

VAPOUR DENSITY (air=1): not applicable

ODOUR THRESHOLD: not available

BOILING POINT: 100°C

FREEZING POINT: not available

PERCENT VOLATILE: 90%

SOLUBILITY IN WATER: soluble

EVAPORATION RATE (water=1): not applicable

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:

EYES: 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. Ingestion of the concentrate may cause shock, nervous system depression, convulsions. May cause death.

INHALATION: May cause irritation of respiratory tract.

LD50 (calculated): 62280 mg/kg		LC50 (calculated): not available	
OTHER TOXIC EFFECTS: TLV-TWA (ethanol) 1000 ppm (1880 mg/m3)			
EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: not applicable			
VI - FIRST AID MEASURES			
EYES: Flush eyes with plenty of water for at least 15 minutes. Hold eyelids open while rinsing. Contact a physician.			
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 applicable		AUTO IGNITION TEMPERATURE, °C: N/Ap	
EXTINGUISHING MEDIA: Water [x] Dry Chemical [x] Carbon Dioxide [x] Foam [x] Other []			
SPECIAL FIRE FIGHTING PROCEDURES: not applicable			
HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon, nitrogen.			
EXPLOSIVE SENSITIVITY TO: not applicable			
VIII - REACTIVITY DATA			
STABILITY: Stable [x] Unstable []			
CONDITIONS TO AVOID: not applicable			
INCOMPATIBILITY (Material to Avoid) : Anionic materials and strong oxidizers.			
HAZARDOUS DECOMPOSITION PRODUCTS: Anionic materials will inactivate the product. Contact with strong oxidizers may release heat.			
REACTIVITY: not dangerously reactive			
IX - MSDS PREPARATION			
SOURCES USED: RTECS		PREPARED BY: JohnsonDiversey Canada, Inc. Regulatory Department Institutional Division Phone (905) 829-1200	
PREPARATION DATE: April 15, 2003			
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