



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 2357

PRODUCT NAME: GREEN VALLEY DISH WASHING LIQUID**USE:** Manual Warewashing Detergent**SUPPLIER:**JohnsonDiversey Canada, Inc.
2401 Bristol Circle
Oakville Ontario, L6H 6P1, Canada**EMERGENCY PHONE:****1-800-668-7171****WHMIS CLASSIFICATION:** D2B**CHEMICAL FAMILY:** surfactant**TRADE NAME / SYNONYMS:** not applicable**CHEMICAL NAME:** not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Ethyl alcohol	0.1- 1.0	000064-17-5	LD50 7060 mg/kg	oral/rat
Sodium laury ether sulphate	1-5	009004-82-4	LD50 1600 mg/kg	oral/rat
Sodium dodecyl benzene sulfonate	10-30	025155-30-0	LD50 1260 mg/kg	oral/rat

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:**Gloves:** Natural Rubber, Neoprene or Nitrile**Eye:** not required**Footwear:** not required**Respiratory:** not required**Other:** not required**SPECIAL HANDLING PROCEDURES AND EQUIPMENT:** not applicable**VENTILATION REQUIREMENTS:** General ventilation**INCOMPATIBILITY (Material to Avoid):** Strong oxidizing agents, chlorine bleach**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.

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Clear yellow liquid**S.G. / BULK DENSITY(g/cc):** 1.04**pH:** 7.0**VAPOUR PRESSURE (mmHg):** not available**VAPOUR DENSITY (air=1):** not available**ODOUR THRESHOLD:** not available**BOILING POINT:** approx. 100°C**FREEZING POINT:** approx. 0°C**PERCENT VOLATILE:** approx. 84%**SOLUBILITY IN WATER:** soluble**EVAPORATION RATE (water=1):** not available

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:**EYES:** May cause irritation.**SKIN:** Repeated or prolonged contact may result in irritation.**INGESTION:** May cause irritation of the digestive tract.**INHALATION:** No serious or irreversible effects expected.**LD50 (calculated):** 6,462 mg/kg**LC50 (calculated):** not applicable

OTHER TOXIC EFFECTS: TLV - TWA (Ethyl alcohol): 1000 ppm (1880 mgm3)	
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 eye lids open while rinsing. Contact a physician immediately.
SKIN:	Flush affected area thoroughly with water. If irritation develops, contact a physician. Contact a physician.
INGESTION:	Drink large volumes of water . Never give anything by mouth to an unconscious person. 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: Above 93.3°C	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, sulphur.	
EXPLOSIVE SENSITIVITY TO: not applicable	
VIII - REACTIVITY DATA	
STABILITY: Stable [X] Unstable []	
CONDITIONS TO AVOID: freezing	
INCOMPATIBILITY (Material to Avoid) : Oxidizing materials, chlorine bleach	
HAZARDOUS DECOMPOSITION PRODUCTS: Heat released on contact with oxidizing materials.	
REACTIVITY: Not dangerously reactive	
IX - MSDS PREPARATION	
SOURCES USED: RTECS, MSDS	PREPARED BY: JohnsonDiversey Canada. Inc. Regulatory Department Institutional Division Phone (905) 829-1200
PREPARATION DATE: April 15, 2003	
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