



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 11187

PRODUCT NAME: SUMMA GLYCOL 46**USE:** Lubricant**SUPPLIER:**

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

EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: D2B**CHEMICAL FAMILY:** not applicable**TRADE NAME / SYNONYMS:** not applicable**CHEMICAL NAME:** not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
No hazardous ingredients				

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:**Gloves:** No special requirements normally required.**Eye:** safety glasses**Footwear:** No special requirements normally required.**Respiratory:** No special requirements normally required.**Other:** No special requirements normally required.**SPECIAL HANDLING PROCEDURES AND EQUIPMENT:** Do not breathe mist, spray or vapours.**VENTILATION REQUIREMENTS:** Ensure adequate ventilation.
General ventilation**INCOMPATIBILITY (Material to Avoid):**

Strong oxidizers
Strong acids or alkali

SPILL PROCEDURES: Contain the spill.
Contain with sand or other inert material.
Wear protective equipment during clean up.
Wash spill area with large volumes of water.

WASTE DISPOSAL: Dispose of according to municipal, provincial, and federal regulations.**STORAGE / SHIPPING REQUIREMENT:** No special requirements normally required.

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: green liquid**S.G. / BULK DENSITY(g/cc):** 0.978**pH:** not applicable**VAPOUR PRESSURE (mmHg):** not determined**VAPOUR DENSITY (air=1):** not determined**ODOUR THRESHOLD:** not determined**BOILING POINT:** not determined**FREEZING POINT:** not determined**PERCENT VOLATILE:** not determined**SOLUBILITY IN WATER:** insoluble**EVAPORATION RATE (water=1):** not determined

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:**EYES:** May cause slight irritation.**SKIN:** May cause slight irritation.**INGESTION:** None known

INHALATION: Breathing spray or mist may cause respiratory irritation. Breathing vapours may cause delayed lung injury.	
LD50 (calculated): 3850 mg/kg	LC50 (calculated): 40 mg/L
OTHER TOXIC EFFECTS: Formaldehyde vapors can be released when heated to over 150C. Keep within permissible limits for formaldehyde vapors.	
EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:	May cause irritation after prolonged exposure. Repeated or prolonged contact may result in defatting or drying of skin.
VI - FIRST AID MEASURES	
EYES: Flush eyes with plenty of water. If irritation develops, contact a physician.	
SKIN: Flush affected area thoroughly with water. If irritation develops, contact a physician.	
INGESTION: If irritation develops, contact a physician.	
INHALATION: Remove patient to fresh air. If irritation develops, contact a physician.	
VII - FIRE AND EXPLOSION DATA	
FLAMMABLE: No	
FLASH POINT, °C: >464 F(Pensky-Martens)	AUTO IGNITION TEMPERATURE, °C: not available
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: not available	
EXPLOSIVE SENSITIVITY TO: not available	
VIII - REACTIVITY DATA	
STABILITY: Stable [x] Unstable []	
CONDITIONS TO AVOID: All sources of ignition Heat	
INCOMPATIBILITY (Material to Avoid) : Strong acids, strong oxidizers. Alkalis	
HAZARDOUS DECOMPOSITION PRODUCTS: oxides of nitrogen oxides of carbon	
REACTIVITY: Not dangerously reactive.	
IX - MSDS PREPARATION	
SOURCES USED: Supplier MSDS	PREPARED BY: JohnsonDiversey Canada, Inc. Regulatory Department Industrial Division Phone (905) 829-1200
PREPARATION DATE: September 22, 2003	
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