



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 08320

PRODUCT NAME: SUPER TAKEOFF**USE:** All purpose liquid cleaner**SUPPLIER:**JohnsonDiversey Canada, Inc.
2401 Bristol Circle
Oakville Ontario, L6H 6P1, Canada**EMERGENCY PHONE:****1-800-668-7171****WHMIS CLASSIFICATION:** D2B E**CHEMICAL FAMILY:** mild alkaline liquid**TRADE NAME / SYNONYMS:** not applicable**CHEMICAL NAME:** not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Sodium lauryl sulphate	1-5	000151-21-3	LD50 1288 mg/kg	oral/rat
Sodium metasilicate	1-5	006834-92-0	LD50 622 mg/kg	oral/rat
Ethylene glycol monobutyl ether	1-5	000111-76-2	LD50 470 mg/kg	oral/rat

III - HANDLING AND DISPOSAL PROCEDURES

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

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Clear blue liquid with a solvent odour.**S.G. / BULK DENSITY(g/cc):** 1.06**pH:** (10% solution): 12.0**VAPOUR PRESSURE (mmHg):** not available**VAPOUR DENSITY (air=1):** not applicable**ODOUR THRESHOLD:** not applicable**BOILING POINT:** 101°C**FREEZING POINT:** not available**PERCENT VOLATILE:** 87%**SOLUBILITY IN WATER:** soluble**EVAPORATION RATE (water=1):** 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 irritation.**INGESTION:** Corrosive. May cause severe irritation of the digestive tract.**INHALATION:** May cause irritation of respiratory tract.

LD50 (calculated): 5585 mg/kg	LC50 (calculated): not available
OTHER TOXIC EFFECTS: Sodium metasilicate TLV 2 mg/m3; Ethylene glycol monobutyl ether 25 ppm skin notation ACGIH	
EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: Repeated or prolonged exposure to Ethylene Glycol Monobutyl Ether may cause blood anemia.	
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.
VII - FIRE AND EXPLOSION DATA	
FLAMMABLE: not applicable	
FLASH POINT, °C: not applicable	AUTO IGNITION TEMPERATURE, °C: not app.
EXTINGUISHING MEDIA: Water [] Dry Chemical [X] Carbon Dioxide [X] Foam [X] Other []	
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus.	
HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon, nitrogen.	
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.	
HAZARDOUS DECOMPOSITION PRODUCTS: Heat released on contact with acids.	
REACTIVITY: Not dangerously reactive	
IX - MSDS PREPARATION	
SOURCES USED: RTECS, ChemInfo	PREPARED BY: JohnsonDiversey Canada, Inc. Regulatory Department Food Division Phone (905) 829-1200
PREPARATION DATE: April 15, 2003	
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