



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 1253

PRODUCT NAME: SUMA HD HEAVY DUTY DEGREASER**USE:** General Purpose 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:** alkali**TRADE NAME / SYNONYMS:** not applicable**CHEMICAL NAME:** not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Sodium hydroxide	3-7	001310-73-2	LDLo 500 mg/kg	oral/rab
Diethylene glycol monobutyl ether	5-10	000112-34-5	LD50 6560 mg/kg	oral/rat
Sodium dodecylbenzene sulphonate	1-5	025155-30-0	LD50 1260 mg/kg	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 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):** acidic materials**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, amber liquid**S.G. / BULK DENSITY(g/cc):** 1.08**pH:** (concentrate): 13.3**VAPOUR PRESSURE (mmHg):** not available**VAPOUR DENSITY (air=1):** not available**ODOUR THRESHOLD:** not available**BOILING POINT:** approx. 100°C**FREEZING POINT:** not available**PERCENT VOLATILE:** 70%**SOLUBILITY IN WATER:** soluble**EVAPORATION RATE (water=1):** not available

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 severe irritation.**INGESTION:** May cause severe irritation of the digestive tract. May cause temporary or permanent damage if not treated promptly.**INHALATION:** Breathing spray or mist may cause respiratory irritation.

LD50 (calculated): LD50 6850 mg/kg		LC50 (calculated): not available	
OTHER TOXIC EFFECTS: TLV-CL (sodium hydroxide) 2 mg/m3			
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 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: 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 available			
HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon.			
EXPLOSIVE SENSITIVITY TO: not applicable			
VIII - REACTIVITY DATA			
STABILITY: Stable [x] Unstable []			
CONDITIONS TO AVOID: not applicable			
INCOMPATIBILITY (Material to Avoid) : acidic materials			
HAZARDOUS DECOMPOSITION PRODUCTS: Heat released on contact with acids.			
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			
Information on this form is furnished in compliance with the Regulations respecting Controlled Products under the Hazardous Products Act and is not to be used for any other purpose, nor is it to be reproduced or published. JohnsonDiversey Canada assumes no responsibility for injury to any person or property resulting from any use of the material if reasonable safety procedures are not adhered to. In addition, JohnsonDiversey Canada assumes no responsibility for injury to any person or property resulting from any abnormal use or theft of the material, even if reasonable safety procedures are followed. Each user assumes the risk in his use of the material and should review the data and recommendations in the specific context of the intended use.			