



I - PRODUCT IDENTIFICATION AND USE		MSDS ID: 57265		
PRODUCT NAME: SUMA GRILL D9				
USE: Oven & grill cleaner				
SUPPLIER: JohnsonDiversey Canada, Inc. 2401 Bristol Circle Oakville Ontario, L6H 6P1, Canada	EMERGENCY PHONE: 1-800-668-7171			
WHMIS CLASSIFICATION: E CHEMICAL FAMILY: Caustic Alkali	TRADE NAME / SYNONYMS: not applicable CHEMICAL NAME: not applicable			
II - HAZARDOUS INGREDIENTS				
HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Sodium hydroxide	7-13	001310-73-2	LDLo 500 mg/kg	oral/rab
Dipropylene glycol methyl ether	3-7	034590-94-8	LD50 5180 mg/kg	oral/rat
III - HANDLING AND DISPOSAL PROCEDURES				
PERSONAL PROTECTIVE EQUIPMENT: Gloves: Nitrile or Neoprene 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): Acids, aluminum or other soft metals.				
SPILL PROCEDURES: Wear protective clothing. Contain the spill. Do not allow the spilled product to go to drain. Neutralize with dilute acid. 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. Avoid freezing.		UN1824		
IV - PHYSICAL PROPERTIES				
APPEARANCE / ODOUR: Dark brown clear liquid				
S.G. / BULK DENSITY(g/cc): 1.12	pH: >13.0			
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: 85%			
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 permanent damage if not treated promptly. SKIN: Corrosive. May cause severe irritation. May cause permanent damage if not treated promptly. INGESTION: Corrosive. May cause severe irritation of the digestive tract. May cause permanent damage if not treated promptly. INHALATION: Breathing vapours or spray may cause respiratory irritation.				
LD50 (calculated): 4815 mg/kg	LC50 (calculated): not applicable			

OTHER TOXIC EFFECTS: TLV-TWA Sodium hydroxide 2 mg/m³; Dipropylene Glycol Methyl Ether TWA 606 mg/m³, STEL 909 mg/m³ skin

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. 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: Wear protective clothing.

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) : Acids, aluminum, zinc.

HAZARDOUS DECOMPOSITION PRODUCTS: Heat on contact with acids. Contact with metals forms flammable hydrogen gas.

REACTIVITY: Not dangerously reactive.

IX - MSDS PREPARATION

SOURCES USED: RTECS

PREPARED BY: JohnsonDiversey Canada, Inc.
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