



I - PRODUCT IDENTIFICATION AND USE				MSDS ID: 57477
PRODUCT NAME: DIVERFOAM SMS-HD				
USE: Heavy duty, soft metal safe, non-silicated foam cleaner				
SUPPLIER: JohnsonDiversey Canada, Inc. 2401 Bristol Circle Oakville Ontario, L6H 6P1, Canada			EMERGENCY PHONE: 1-800-668-7171	
WHMIS CLASSIFICATION: E CHEMICAL FAMILY: Surfactant			TRADE NAME / SYNONYMS: not applicable CHEMICAL NAME: not applicable	
II - HAZARDOUS INGREDIENTS				
HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Sodium hydroxide	5-10	001310-73-2	LDLo 500 mg/kg	oral/rab
Lauryl dimethyl amine oxide	1-5	001643-20-5	LD50 >1000 mg/kg	oral/rat
III - HANDLING AND DISPOSAL PROCEDURES				
PERSONAL PROTECTIVE EQUIPMENT:				
Gloves: Natural Rubber or Neoprene		Eye: Safety goggles		Footwear: As required
Respiratory: If mists are generated, use NIOSH approved mask			Other: Rubber apron	
SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Do not breathe mist or spray. Avoid eye contact.				
VENTILATION REQUIREMENTS: Mechanical exhaust				
INCOMPATIBILITY (Material to Avoid): Cationic materials and strong oxidizers. Acids.				
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. UN1824				
IV - PHYSICAL PROPERTIES				
APPEARANCE / ODOUR: Clear, yellow, foaming liquid.				
S.G. / BULK DENSITY(g/cc): 1.12			pH: 12.1	
VAPOUR PRESSURE (mmHg): not applicable			VAPOUR DENSITY (air=1): not applicable	
ODOUR THRESHOLD: not available			BOILING POINT: approx. 100°C	
FREEZING POINT: not available			PERCENT VOLATILE: 81%	
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 permanent damage if not treated promptly.				
SKIN: Repeated or prolonged contact may result in irritation.				
INGESTION: Corrosive. May cause severe irritation of the digestive tract. May cause temporary or permanent damage if not treated promptly.				
INHALATION: Inhalation of spray or mist may cause irritation of the respiratory tract.				
LD50 (calculated): 5291 mg/kg			LC50 (calculated): not available	

OTHER TOXIC EFFECTS: Sodium Hydroxide TLV-TWA 2 mg/m3

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: not available

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 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: Not applicable

INCOMPATIBILITY (Material to Avoid) : Cationic materials and strong oxidizers. Acids.

HAZARDOUS DECOMPOSITION PRODUCTS: Contact with strong oxidizers will release heat. Heat released on contact with acids.

REACTIVITY: Not applicable

IX - MSDS PREPARATION

SOURCES USED: RTECS, Suppliers MSDS

PREPARED BY: JohnsonDiversey Canada. Inc.
Regulatory Department
Food Division
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