



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 57422

PRODUCT NAME: EASYFOAM**USE:** Liquid chlorinated foaming detergent**SUPPLIER:**JohnsonDiversey Canada, Inc.
2401 Bristol Circle
Oakville Ontario, L6H 6P1, Canada**EMERGENCY PHONE:****1-800-668-7171****WHMIS CLASSIFICATION:** D2B E**CHEMICAL FAMILY:** Chlorinated Alkali**TRADE NAME / SYNONYMS:** not applicable**CHEMICAL NAME:** not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Sodium hypochlorite	1-5	007681-52-9	LD50 375 mg/kg	oral/rat
Sodium hydroxide	5-10	001310-73-2	LDLo 500 mg/kg	oral/rab

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:

Gloves: Natural Rubber, Neoprene or Nitrile **Eye:** Safety Goggles **Footwear:** Rubber boots
Respiratory: If mists are generated, use NIOSH approved mask **Other:** Rubber apron

SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Avoid eye and skin contact. Do not breathe mist, spray or vapours.**VENTILATION REQUIREMENTS:** Mechanical exhaust**INCOMPATIBILITY (Material to Avoid):** Acids, soft metals.**SPILL PROCEDURES:** Ensure adequate ventilation. 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, pale yellow liquid - chlorine odour**S.G. / BULK DENSITY(g/cc):** 1.15**pH:** (concentrate): >12.5**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:** 86%**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:** Corrosive. May cause severe irritation. May cause temporary or permanent damage if not treated promptly.**INGESTION:** Corrosive. May cause severe irritation of the digestive tract.**INHALATION:** Corrosive. Breathing mist may cause respiratory irritation.**LD50 (calculated):** 4359 mg/kg**LC50 (calculated):** not available

OTHER TOXIC EFFECTS: TLV - CL (Sodium hydroxide) 2 mg/m3; TWA (Cl2) 0.5 ppm, STEL (Cl2) 1 ppm	
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: chlorine gas Oxides of carbon, nitrogen.	
EXPLOSIVE SENSITIVITY TO: not applicable	
VIII - REACTIVITY DATA	
STABILITY: Stable [x] Unstable []	
CONDITIONS TO AVOID: High temperature	
INCOMPATIBILITY (Material to Avoid) : Acids, soft metals.	
HAZARDOUS DECOMPOSITION PRODUCTS: Contact with acids generates chlorine gas. Contact with soft metals forms flammable hydrogen gas.	
REACTIVITY: Not dangerously reactive	
IX - MSDS PREPARATION	
SOURCES USED: RTECS	PREPARED BY: JohnsonDiversey Canada, Inc. Regulatory Department Food Division Phone (905) 829-1200
PREPARATION DATE: April 15, 2003	
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