



## I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 57487

PRODUCT NAME: DILACFOAM

USE: Inhibited acidic foam cleaner-descaler

## SUPPLIER:

JohnsonDiversey Canada, Inc.  
2401 Bristol Circle  
Oakville Ontario, L6H 6P1, Canada

## EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: D2B E

CHEMICAL FAMILY: Acid

TRADE NAME / SYNONYMS: not applicable

CHEMICAL NAME: not applicable

## II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Phosphoric acid	30-60	007664-38-2	LD50 1530 mg/kg	oral/rat
Dodecyltrimethylamine oxide	1-5	001643-20-5	LD50 >1000 mg/kg	oral/rat
Alkyl aryl dimethyl ammonium chloride	1-5	mixture	LD50 620 mg/kg	oral/rat
Benzylquinolinium chloride	1-5	not available	LD50 >500 mg/kg	oral/rat

## III - HANDLING AND DISPOSAL PROCEDURES

## PERSONAL PROTECTIVE EQUIPMENT:

Gloves: Neoprene or Nitrile

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, spray or vapours. Avoid eye and skin contact.

VENTILATION REQUIREMENTS: Mechanical exhaust.

INCOMPATIBILITY (Material to Avoid): Alkaline and chlorinated materials, soft metals.

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.

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## IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Clear red liquid

S.G. / BULK DENSITY(g/cc): 1.3

pH: (concentrate): &lt; 2.0

VAPOUR PRESSURE (mmHg): not applicable

VAPOUR DENSITY (air=1): not applicable

ODOUR THRESHOLD: not available

BOILING POINT: not available

FREEZING POINT: not available

PERCENT VOLATILE: 50%

SOLUBILITY IN WATER: soluble

EVAPORATION RATE (water=1): not applicable

## 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.

**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 respiratory tract.

**LD50 (calculated):** 2647 mg/kg

**LC50 (calculated):** Not available

**OTHER TOXIC EFFECTS:** Breathing vapours may cause delayed lung injury. Phosphoric Acid TLV-TWA 1mg/m3, STEL 3mg/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) :** Anionic, alkaline and chlorinated materials. Aluminum, brass, copper, iron.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Contact with chlorinated materials will release chlorine gas. Contact with alkali will generate heat. Contact with soft metals forms flammable hydrogen gas.

**REACTIVITY:** not applicable.

### IX - MSDS PREPARATION

**SOURCES USED:** RTECS, Supplier MSDS

**PREPARED BY:** JohnsonDiversey Canada. Inc.  
Regulatory Department  
Food Division  
Phone (905) 829-1200

**PREPARATION DATE:** April 15, 2003

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