



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 57497

PRODUCT NAME: ACIFOAM

USE: Acidic foam cleaner-descaler

SUPPLIER:

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

EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: 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
Dipropylene glycol methyl ether	3-7	034590-94-8	LD50 5660 mg/kg	oral/rat
Dodecyl benzene sulfonic acid	3-7	027176-87-0	LD50 650 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 or spray. 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. UN1805

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Clear red liquid

S.G. / BULK DENSITY(g/cc): 1.29

pH: (concentrate); <2.0

VAPOUR PRESSURE (mmHg): not available

VAPOUR DENSITY (air=1): not applicable

ODOUR THRESHOLD: not applicable

BOILING POINT: not available

FREEZING POINT: not available

PERCENT VOLATILE: 47%

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. May cause temporary or permanent damage if not treated promptly.

INGESTION: Corrosive. May cause severe irritation of the digestive tract. May cause temporary or permanent damage if not treated promptly.

INHALATION: May cause irritation of respiratory tract.

LD50 (calculated): 2968 mg/kg		LC50 (calculated): Not available	
OTHER TOXIC EFFECTS: Breathing vapours may cause delayed lung injury. Phosphoric Acid TLV-TWA 1 mg/m3, STEL 3 mg/m3; Dipropylene Glycol Methyl Ether TLV-TWA 606 mg/m3, STEL 909 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, sulphur.			
EXPLOSIVE SENSITIVITY TO: not applicable			
VIII - REACTIVITY DATA			
STABILITY: Stable [x] Unstable []			
CONDITIONS TO AVOID: not applicable.			
INCOMPATIBILITY (Material to Avoid) : Alkaline and chlorinated materials. Aluminium, brass, copper, iron.			
HAZARDOUS DECOMPOSITION PRODUCTS: Contact with chlorinated materials will release chlorine gas. Contact with alkali will generate heat. Contact with 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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