



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 11042

PRODUCT NAME: CLAX 6NL1

USE: Soft/sour

SUPPLIER:

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

EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: B3 E

CHEMICAL FAMILY: Mineral Acid, Silicofluorides

TRADE NAME / SYNONYMS: not applicable

CHEMICAL NAME: not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Citric acid	10-30	000077-92-9	LD50 5040 mg/kg	oral/mou
Poly ethoxyl quarternary methyl sulfate	1-5	068410-69-5	LD50 840 mg/kg	oral/rat
Dipropylene glycol methyl ether	1-5	034590-94-8	LD50 5660 mg/kg	oral/rat

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:

Gloves: Natural Rubber, neoprene or nitrile

Eye: Safety glasses

Footwear: As required

Respiratory: Not normally required.

Other: Not normally required.

SPECIAL HANDLING PROCEDURES AND EQUIPMENT:

Avoid eye and skin contact. Do not wear contact lenses. Do not expose to heat, spark or open flame. If mists are generated, use NIOSH approved mask.

VENTILATION REQUIREMENTS: General ventilation

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

SPILL PROCEDURES: Wear protective clothing. 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. Avoid freezing. UN1760

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Light blue opaque liquid

S.G. / BULK DENSITY(g/cc): 1.05

pH: 1.9

VAPOUR PRESSURE (mmHg): not applicable

VAPOUR DENSITY (air=1): not applicable

ODOUR THRESHOLD: not available

BOILING POINT: approx. 100°C

FREEZING POINT: approx. 0°C

PERCENT VOLATILE: approx. 65%

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.

INGESTION: Corrosive. May cause severe irritation of the digestive tract. May cause headache, nausea, dizziness, vomiting and diarrhea.

INHALATION: Breathing vapour may cause severe respiratory irritation.

LD50 (calculated): 9248 mg/kg		LC50 (calculated): not available	
OTHER TOXIC EFFECTS: TLV: TWA (dipropylene glycol methyl ether): 100 ppm (606 mg/m3)			
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: Do not induce vomiting. Drink large volumes of water. Never give anything by mouth to an unconscious patient. Contact a physician.			
INHALATION: Remove patient to fresh air. Get medical attention for any breathing difficulty.			
VII - FIRE AND EXPLOSION DATA			
FLAMMABLE: Yes, combustible if heated.			
FLASH POINT, °C: 61°C		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.			
EXPLOSIVE SENSITIVITY TO: not applicable			
VIII - REACTIVITY DATA			
STABILITY: Stable [X] Unstable []			
CONDITIONS TO AVOID: Heat and open flame.			
INCOMPATIBILITY (Material to Avoid) : Alkali, soft metals, chlorinated materials.			
HAZARDOUS DECOMPOSITION PRODUCTS: Contact with chlorinated materials will release chlorine gas. Contact with alkali will release heat. Contact with soft metals forms flammable hydrogen gas.			
REACTIVITY: Not dangerously reactive			
IX - MSDS PREPARATION			
SOURCES USED: RTECS, Fluorosilicic Acid MSDS		PREPARED BY: JohnsonDiversey Canada, Inc. Regulatory Department Institutional Division Phone (905) 829-1200	
PREPARATION DATE: April 15, 2003			
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