



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 11044

PRODUCT NAME: CLAX 5DL1

USE: Softener

SUPPLIER:

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

EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: B3 D2B

CHEMICAL FAMILY: Cationic Surfactant

TRADE NAME / SYNONYMS: not applicable

CHEMICAL NAME: not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Polyethoxy quaternary methyl sulfate	10-30	068410-69-5	LD50 840 mg/kg	oral/rat
Isopropanol	1-5	000067-63-0	LD50 5840 mg/kg	oral/rat

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:

Gloves: Natural Rubber, neoprene or nitrile

Eye: Safety glasses

Footwear: Not required

Respiratory: If mists are generated, use NIOSH approved mask

Other: Not required

SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Avoid eye contact. Do not expose to heat, spark or open flame.

VENTILATION REQUIREMENTS: General ventilation

INCOMPATIBILITY (Material to Avoid): Anionic surfactant, strong oxidizers, acids and alkalis.

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. Spills can create extreme slip hazard. 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

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Opaque light blue liquid

S.G. / BULK DENSITY(g/cc): 1.01

pH: 6.0

VAPOUR PRESSURE (mmHg): not applicable

VAPOUR DENSITY (air=1): not applicable

ODOUR THRESHOLD: not available

BOILING POINT: 100°C

FREEZING POINT: 0°C

PERCENT VOLATILE: approx. 80%

SOLUBILITY IN WATER: soluble

EVAPORATION RATE (water=1): 1

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:

EYES: May cause irritation.

SKIN: Repeated or prolonged contact may result in irritation.

INGESTION: May cause irritation of the digestive tract. May cause nausea and vomiting.

INHALATION: Irritation of respiratory tract.

LD50 (calculated): 5104 mg/kg

LC50 (calculated): not applicable

OTHER TOXIC EFFECTS: TLV: TWA (Isopropyl alcohol): 400 ppm (520 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:	Drink large volumes of water . Never give anything by mouth to an unconscious patient. Contact a physician immediately.
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: 66.7°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, nitrogen.	
EXPLOSIVE SENSITIVITY TO: not applicable	
VIII - REACTIVITY DATA	
STABILITY: Stable [x] Unstable []	
CONDITIONS TO AVOID: Heat, spark or open flame.	
INCOMPATIBILITY (Material to Avoid) : Anionic surfactants, strong acids and alkalis, strong oxidizers..	
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide and amines released on contact with strong acids and alkalis.	
REACTIVITY: not applicable	
IX - MSDS PREPARATION	
SOURCES USED: MSDS	PREPARED BY: JohnsonDiversey Canada, Inc. Regulatory Department Institutional Division Phone (905) 829-1200
PREPARATION DATE: April 15, 2003	
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