



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 01240

PRODUCT NAME: DICATON**USE:** Water Treatment**SUPPLIER:**

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

EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: E**CHEMICAL FAMILY:** alkali**TRADE NAME / SYNONYMS:** not applicable**CHEMICAL NAME:** not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Sodium hydroxide	0.1-1	001310-73-2	LDLo 500 mg/kg	oral/rab

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:**Gloves:** Natural Rubber or Neoprene**Eye:** safety goggles**Footwear:** not required**Respiratory:** If mists are generated, use NIOSH approved mask**Other:** not required**SPECIAL HANDLING PROCEDURES AND EQUIPMENT:** Avoid eye and skin contact. Do not breathe mist or spray.**VENTILATION REQUIREMENTS:** general ventilation**INCOMPATIBILITY (Material to Avoid):** Acids.**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:** Avoid freezing.

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Clear light amber liquid.**S.G. / BULK DENSITY(g/cc):** 1.19**pH:** (as is) 13.4**VAPOUR PRESSURE (mmHg):** not applicable**VAPOUR DENSITY (air=1):** not available**ODOUR THRESHOLD:** not applicable**BOILING POINT:** 102°C**FREEZING POINT:** approx. 0°C**PERCENT VOLATILE:** 70%**SOLUBILITY IN WATER:** soluble**EVAPORATION RATE (water=1):** approx. 1

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:**EYES:** Corrosive. May cause severe irritation.**SKIN:** May cause 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 severe respiratory irritation.**LD50 (calculated):** not available**LC50 (calculated):** not available

OTHER TOXIC EFFECTS: TLV: Sodium hydroxide TWA 2mg.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. 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/A
EXTINGUISHING MEDIA: Water [X] Dry Chemical [X] Carbon Dioxide [X] Foam [X] Other []	
SPECIAL FIRE FIGHTING PROCEDURES: not required	
HAZARDOUS COMBUSTION PRODUCTS: not applicable.	
EXPLOSIVE SENSITIVITY TO: not applicable	
VIII - REACTIVITY DATA	
STABILITY: Stable [X] Unstable []	
CONDITIONS TO AVOID: Avoid freezing, high temperature.	
INCOMPATIBILITY (Material to Avoid) : Acids, soft metals.	
HAZARDOUS DECOMPOSITION PRODUCTS: not available	
REACTIVITY: not dangerously reactive	
IX - MSDS PREPARATION	
SOURCES USED: RTECS, MSDS	PREPARED BY: JohnsonDiversey Canada, Inc. Regulatory Department Industrial Division Phone (905) 829-1200
PREPARATION DATE: July 8, 2004	
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