



| I - PRODUCT IDENTIFICATION AND USE | | | | MSDS ID: 4315 |
|---|-------|--|----------------|-------------------------------|
| 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. UN1824 | | | | |
| IV - PHYSICAL PROPERTIES | | | | |
| APPEARANCE / ODOUR: Clear light amber liquid. | | | | |
| S.G. / BULK DENSITY(g/cc): 1.19 | | pH: (as is) 12.5 - 13 | | |
| 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): LDLo 500 mg/kg | | LC50 (calculated): not applicable | | |

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.
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