

## I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 4738

PRODUCT NAME: LIQUID WATER CONDITIONER 7FL

USE: Water Conditioner

## SUPPLIER:

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

## EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: not applicable

CHEMICAL FAMILY: alkali

TRADE NAME / SYNONYMS: not applicable

CHEMICAL NAME: not applicable

## II - HAZARDOUS INGREDIENTS

| HAZARDOUS INGREDIENT | % w/w | CAS # | LD50 / LC50 | Route / Species |
|----------------------|-------|-------|-------------|-----------------|
| not applicable       |       |       |             |                 |

## 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 and skin contact.

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: Store in a cool dry area in a closed container.

## IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Clear, colourless, odourless, liquid

S.G. / BULK DENSITY(g/cc): 1.285 ± 0.012

pH: (conc) : 9.1

VAPOUR PRESSURE (mmHg): 20.4 at 20°C

VAPOUR DENSITY (air=1): not applicable

ODOUR THRESHOLD: not applicable

BOILING POINT: 102.7°C

FREEZING POINT: -8°C

PERCENT VOLATILE: approx. 69%

SOLUBILITY IN WATER: soluble

EVAPORATION RATE (water=1): approx. 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.

INHALATION: No serious or irreversible effects expected.

LD50 (calculated): 20,500 mg/kg

LC50 (calculated): not applicable

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                 |
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| <b>OTHER TOXIC EFFECTS:</b> none known                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                 |
| <b>EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:</b> none known                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                 |
| <b>VI - FIRST AID MEASURES</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                 |
| <b>EYES:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Flush eyes with plenty of water for at least 15 minutes. Hold eyelids open while rinsing.                                                       |
| <b>SKIN:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Flush affected area thoroughly with water.                                                                                                      |
| <b>INGESTION:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Drink large volumes of water . Never give anything by mouth to an unconscious patient. Do not induce vomiting. Contact a physician immediately. |
| <b>INHALATION:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Remove patient to fresh air.                                                                                                                    |
| <b>VII - FIRE AND EXPLOSION DATA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                 |
| <b>FLAMMABLE:</b> No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                 |
| <b>FLASH POINT, °C:</b> not applicable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>AUTO IGNITION TEMPERATURE, °C:</b> N/Ap                                                                                                      |
| <b>EXTINGUISHING MEDIA:</b> Water [X] Dry Chemical [X] Carbon Dioxide [X] Foam [X] Other [ ]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                 |
| <b>SPECIAL FIRE FIGHTING PROCEDURES:</b> none                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                 |
| <b>HAZARDOUS COMBUSTION PRODUCTS:</b> not applicable.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                 |
| <b>EXPLOSIVE SENSITIVITY TO:</b> not applicable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                 |
| <b>VIII - REACTIVITY DATA</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                 |
| <b>STABILITY:</b> Stable [X] Unstable [ ]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                 |
| <b>CONDITIONS TO AVOID:</b> none                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                 |
| <b>INCOMPATIBILITY (Material to Avoid) :</b> strong acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                 |
| <b>HAZARDOUS DECOMPOSITION PRODUCTS:</b> Heat released on contact with acids.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                 |
| <b>REACTIVITY:</b> not dangerously reactive                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                 |
| <b>IX - MSDS PREPARATION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                 |
| <b>SOURCES USED:</b> MSDS, RTECS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>PREPARED BY:</b> JohnsonDiversey Canada. Inc.<br>Regulatory Department<br>Institutional Division<br>Phone (905) 829-1200                     |
| <b>PREPARATION DATE:</b> April 15, 2003                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                 |
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