

## I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 4563

PRODUCT NAME: MAG ENVIRONMENT FRIENDLY ICE MELTER

USE: Walk and Roadway Ice Remover

## SUPPLIER:

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

## EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: not applicable

CHEMICAL FAMILY: salt

TRADE NAME / SYNONYMS: not applicable

CHEMICAL NAME: not applicable

## II - HAZARDOUS INGREDIENTS

| HAZARDOUS INGREDIENT | % w/w | CAS # | LD50 / LC50 | Route / Species |
|----------------------|-------|-------|-------------|-----------------|
| none                 |       |       |             |                 |

## III - HANDLING AND DISPOSAL PROCEDURES

## PERSONAL PROTECTIVE EQUIPMENT:

Gloves: Natural Rubber, Neoprene or Nitrile

Eye: safety goggles

Footwear: not required

Respiratory: NIOSH approved mask

Other: not required

SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Avoid eye and skin contact. Avoid breathing dust.

VENTILATION REQUIREMENTS: general ventilation

INCOMPATIBILITY (Material to Avoid): none

SPILL PROCEDURES: Sweep or scoop up material for disposal. Uncontaminated product may be reused.

WASTE DISPOSAL: Dispose according to municipal, provincial, and federal regulations.

STORAGE / SHIPPING REQUIREMENT: Store in a cool dry area in a closed container. Do not expose to air. Avoid high humidity

## IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Translucent, odourless, deliquescent, off white flakes

S.G. / BULK DENSITY(g/cc): 1.6

pH: Not available

VAPOUR PRESSURE (mmHg): not applicable

VAPOUR DENSITY (air=1): not applicable

ODOUR THRESHOLD: not available

BOILING POINT: 160°C

FREEZING POINT: (22% soln): -22°F

PERCENT VOLATILE: not applicable

SOLUBILITY IN WATER: soluble

EVAPORATION RATE (water=1): not applicable

## V - TOXICOLOGICAL PROPERTIES

## EFFECTS OF ACUTE EXPOSURE TO MATERIAL:

EYES: No serious or irreversible effects expected if treated promptly.

SKIN: Repeated or prolonged contact may result in irritation.

INGESTION: No serious or irreversible effects expected if treated promptly.

INHALATION: Breathing dust may cause respiratory irritation.

LD50 (calculated): 8100 mg/kg

LC50 (calculated): not available

OTHER TOXIC EFFECTS: none known

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. If symptoms persist, contact a physician.

#### VII - FIRE AND EXPLOSION DATA

**FLAMMABLE:** No.

**FLASH POINT, °C:** not applicable

**AUTO IGNITION TEMPERATURE, °C:** N/Ap

**EXTINGUISHING MEDIA:** Water ☒ Dry Chemical ☒ Carbon Dioxide ☒ Foam ☒ Other ☐

**SPECIAL FIRE FIGHTING PROCEDURES:** not required

**HAZARDOUS COMBUSTION PRODUCTS:** not applicable.

**EXPLOSIVE SENSITIVITY TO:** not applicable

#### VIII - REACTIVITY DATA

**STABILITY:** Stable ☒ Unstable ☐

**CONDITIONS TO AVOID:** Moisture. Excessive exposure to air will lead to wetting and caking.

**INCOMPATIBILITY (Material to Avoid) :** none

**HAZARDOUS DECOMPOSITION PRODUCTS:** Releases hydrogen chloride vapours if heated over 150°C.

**REACTIVITY:** not dangerously reactive

#### IX - MSDS PREPARATION

**SOURCES USED:** RTECS, MSDS

**PREPARED BY:** JohnsonDiversey Canada, Inc.  
Regulatory Department  
Institutional Division  
Phone (905) 829-1200

**PREPARATION DATE:** April 15, 2003

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