



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 0801

PRODUCT NAME: **DIVER-WHITE**

USE: Circulation Cleaner

SUPPLIER:

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

EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: D2B

CHEMICAL FAMILY: Alkali/Enzyme

TRADE NAME / SYNONYMS: not applicable

CHEMICAL NAME: not applicable

II - HAZARDOUS INGREDIENTS

| HAZARDOUS INGREDIENT | % w/w | CAS # | LD50 / LC50 | Route / Species |
|-------------------------|-------|-------------|-----------------|-----------------|
| Sodium carbonate | 30-60 | 000497-19-8 | LD50 4090 mg/kg | oral/rat |
| Sodium bicarbonate | 40-70 | 000144-55-8 | LD50 4220 mg/kg | oral/rat |
| Protease enzyme | 1-5 | 009073-77-2 | not available | |
| Sodium tripolyphosphate | 7-13 | 007758-29-4 | LD50 4100 mg/kg | oral/rat |
| Potassium carbonate | 7-13 | 000584-08-7 | LD50 1870 mg/kg | oral/rat |

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:

Gloves: Natural Rubber

Eye: safety glasses

Footwear: not required

Respiratory: NIOSH approved dust mask

Other: not required

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

VENTILATION REQUIREMENTS: general ventilation

INCOMPATIBILITY (Material to Avoid): acids, oxidizing materials

SPILL PROCEDURES: Wear protective clothing. Sweep or scoop up material 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: White powder with brown beads

S.G. / BULK DENSITY(g/cc): 1.0 tamped

pH: (1% solution): 9.5 ± 0.5

VAPOUR PRESSURE (mmHg): not applicable

VAPOUR DENSITY (air=1): not applicable

ODOUR THRESHOLD: not applicable

BOILING POINT: not applicable

FREEZING POINT: not applicable

PERCENT VOLATILE: not applicable

SOLUBILITY IN WATER: soluble

EVAPORATION RATE (water=1): not applicable

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:

EYES: May cause severe irritation. May cause temporary or permanent damage if not treated promptly.

SKIN: Repeated or prolonged contact may result in irritation.

INGESTION: May cause irritation of the digestive tract.

INHALATION: Breathing dust may cause respiratory irritation. Repeated or prolonged exposure may cause respiratory sensitization and allergic response in hypersensitive individuals.

LD50 (calculated): not available

LC50 (calculated): not available

OTHER TOXIC EFFECTS: none known

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: Repeated or prolonged exposure may cause respiratory sensitization and allergic response in hypersensitive individuals.

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/Ap

EXTINGUISHING MEDIA: Water [x] Dry Chemical [x] Carbon Dioxide [x] Foam [x] Other []

SPECIAL FIRE FIGHTING PROCEDURES: not required

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon, nitrogen, sulphur.

EXPLOSIVE SENSITIVITY TO: not applicable

VIII - REACTIVITY DATA

STABILITY: Stable [x] Unstable []

CONDITIONS TO AVOID: high temperature, high humidity

INCOMPATIBILITY (Material to Avoid) : oxidizing materials, acids

HAZARDOUS DECOMPOSITION PRODUCTS: Heat on contact with oxidizing materials. Heat and carbon dioxide on contact with acids.

REACTIVITY: not dangerously reactive

IX - MSDS PREPARATION

SOURCES USED: RTECS, R.M. MSDS

PREPARED BY: JohnsonDiversey Canada, Inc.
Regulatory Department
Food Division
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