



| I - PRODUCT IDENTIFICATION AND USE  |          |  |  | MSDS ID: 1273                 |
|---|----------|--|--|-------------------------------|
| <b>PRODUCT NAME:</b> ALL PURPOSE CLEANER D22  |          |  |  |                               |
| <b>USE:</b> Multi Purpose Cleaner   |          |  |  |                               |
| <b>SUPPLIER:</b><br>JohnsonDiversey Canada, Inc.<br>2401 Bristol Circle<br>Oakville Ontario, L6H 6P1, Canada                                      |          |  | <b>EMERGENCY PHONE:</b><br><br><b>1-800-668-7171</b>                                 |                               |
| <b>WHMIS CLASSIFICATION:</b> E<br><b>CHEMICAL FAMILY:</b> caustic alkali  |          |  | <b>TRADE NAME / SYNONYMS:</b> not applicable<br><b>CHEMICAL NAME:</b> not applicable |                               |
| II - HAZARDOUS INGREDIENTS  |          |  |  |                               |
| HAZARDOUS INGREDIENT  | % w/w    | CAS #  | LD50 / LC50  | Route / Species               |
| Dipropylene glycol methyl ether   | 1-5      | 034590-94-8                                      | LD50 5660 mg/kg  | oral/rat                      |
| Sodium dodecylbenzene sulphonate  | 1-5      | 025155-30-0                                      | LD50 1260 mg/kg  | oral/rat                      |
| Sodium hydroxide  | 0.5- 1.5 | 001310-73-2                                      | LDLo 500 mg/kg   | oral/rab                      |
| Sodium silicate   | 1-5      | 001344-09-8                                      | LD50 3300 mg/kg  | oral/rat                      |
| III - HANDLING AND DISPOSAL PROCEDURES  |          |  |  |                               |
| <b>PERSONAL PROTECTIVE EQUIPMENT:</b>   |          |  |  |                               |
| <b>Gloves:</b> neoprene or nitrile  |          | <b>Eye:</b> safety goggles                       |  | <b>Footwear:</b> not required |
| <b>Respiratory:</b> If mists are generated, use NIOSH approved mask.  |          |  | <b>Other:</b> not required   |                               |
| <b>SPECIAL HANDLING PROCEDURES AND EQUIPMENT:</b> Avoid eye and skin contact. Do not breathe mist, spray or vapours.                              |          |  |  |                               |
| <b>VENTILATION REQUIREMENTS:</b> general ventilation  |          |  |  |                               |
| <b>INCOMPATIBILITY (Material to Avoid):</b> acids   |          |  |  |                               |
| <b>SPILL PROCEDURES:</b> Contain the spill. Do not allow the spilled product to go to drain. Mop up or soak up with absorbent clay for disposal.  |          |  |  |                               |
| <b>WASTE DISPOSAL:</b> Dispose according to municipal, provincial, and federal regulations.   |          |  |  |                               |
| <b>STORAGE / SHIPPING REQUIREMENT:</b> Store in a cool dry area in a closed container. Avoid freezing. UN3266                                     |          |  |  |                               |
| IV - PHYSICAL PROPERTIES  |          |  |  |                               |
| <b>APPEARANCE / ODOUR:</b> Clear, purple liquid   |          |  |  |                               |
| <b>S.G. / BULK DENSITY(g/cc):</b> 1.07  |          | <b>pH:</b> (concentrate): 13.1                   |  |                               |
| <b>VAPOUR PRESSURE (mmHg):</b> not available  |          | <b>VAPOUR DENSITY (air=1):</b> not available     |  |                               |
| <b>ODOUR THRESHOLD:</b> not available   |          | <b>BOILING POINT:</b> approx. 100°C              |  |                               |
| <b>FREEZING POINT:</b> 0°C  |          | <b>PERCENT VOLATILE:</b> 90%                     |  |                               |
| <b>SOLUBILITY IN WATER:</b> soluble   |          | <b>EVAPORATION RATE (water=1):</b> not available |  |                               |
| V - TOXICOLOGICAL PROPERTIES  |          |  |  |                               |
| <b>EFFECTS OF ACUTE EXPOSURE TO MATERIAL:</b>   |          |  |  |                               |
| <b>EYES:</b> Corrosive. May cause severe irritation. May cause temporary or permanent damage if not treated promptly.                             |          |  |  |                               |
| <b>SKIN:</b> May cause severe irritation.   |          |  |  |                               |
| <b>INGESTION:</b> Corrosive. May cause severe irritation of the digestive tract. May cause temporary or permanent damage if not treated promptly. |          |  |  |                               |

**INHALATION:** Breathing mist or spray may cause respiratory irritation.

**LD50 (calculated):** 17,620 mg/kg

**LC50 (calculated):** not available

**OTHER TOXIC EFFECTS:** TLV (dipropylene glycol methyl ether) TWA 100 ppm, STEL 150 ppm; TLV-CL (sodium hydroxide) 2 mg/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.

### 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:** Wear protective clothing.

**HAZARDOUS COMBUSTION PRODUCTS:** Oxides of carbon.

**EXPLOSIVE SENSITIVITY TO:** not applicable

### VIII - REACTIVITY DATA

**STABILITY:** Stable [x] Unstable [ ]

**CONDITIONS TO AVOID:** not applicable

**INCOMPATIBILITY (Material to Avoid) :** acids

**HAZARDOUS DECOMPOSITION PRODUCTS:** Heat released on contact with acids.

**REACTIVITY:** not dangerously reactive

### IX - MSDS PREPARATION

**SOURCES USED:** RTECS

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

**PREPARATION DATE:** April 15, 2003

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