



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 11535

PRODUCT NAME: C-1102

USE: Alkaline Cleaner

SUPPLIER:

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

EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: E

CHEMICAL FAMILY: Caustic alkali

TRADE NAME / SYNONYMS: not applicable

CHEMICAL NAME: not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Sodium dodecylbenzene sulfonate	1-5	025155-30-0	LD50 1260 mg/kg	oral/rat
Sodium silicate	1-5	001344-09-8	LD50 3300 mg/kg	oral/rat
Ethylene glycol monobutyl ether	1-5	000111-76-2	LD50 560 mg/kg	oral/rat
Sodium hydroxide	0.5-1.5	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): Acidic materials

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
Sweep or scoop up material for disposal
Wash spill area with large volumes of water
Wear protective clothing

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

STORAGE / SHIPPING REQUIREMENT: Store in a cool dry area in a closed container
Avoid freezing

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Clear pale yellow liquid

S.G. / BULK DENSITY(g/cc): 1.07

pH: (1% solution): 13.9

VAPOUR PRESSURE (mmHg): 17.5 @ 20°C

VAPOUR DENSITY (air=1): not available

ODOUR THRESHOLD: not available

BOILING POINT: approx. 100°C

FREEZING POINT: 0°C

PERCENT VOLATILE: 86%

SOLUBILITY IN WATER: SOLUBLE

EVAPORATION RATE (water=1): <1

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: May cause severe irritation
No serious or irreversible effects expected (if treated promptly)

INGESTION: May cause severe irritation of the digestive tract
May cause temporary or permanent damage if not treated promptly

INHALATION: Breathing spray or mist may cause respiratory irritation

LD50 (calculated): 8361 mg/kg**LC50 (calculated):****OTHER TOXIC EFFECTS:** Ethylene glycol monobutyl ether 25 ppm skin notation ACGIH; Sodium silicate TLV 5 mg/m3 manual**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:** not applicable**FLASH POINT, °C:** not applicable**AUTO IGNITION TEMPERATURE, °C:** N/App.**EXTINGUISHING MEDIA:** Water [x] Dry Chemical [x] Carbon Dioxide [x] Foam [x] Other []**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self-contained breathing apparatus.**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) :** Acidic materials.**HAZARDOUS DECOMPOSITION PRODUCTS:** Heat released on contact with acids.**REACTIVITY:** Not dangerously reactive.**IX - MSDS PREPARATION****SOURCES USED:** RTECS, ChemInfo.**PREPARED BY:** JohnsonDiversey Canada, Inc.
Regulatory Department
Industrial Division
Phone (905) 829-1200**PREPARATION DATE:** September 22, 2003

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