

I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 4311

PRODUCT NAME: GCO-10

USE: Water Treatment for Cooling Towers PCP # 18800

SUPPLIER:

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

EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: exempt

CHEMICAL FAMILY: not applicable

TRADE NAME / SYNONYMS: not applicable

CHEMICAL NAME: not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Poly [oxyethylene(dimethylimino) ethylene-(dimethylimino) ethylene dichloride]	1-5	031075-24-8	LD50 3690 mg/kg	oral/rat

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, spray or vapours.

VENTILATION REQUIREMENTS: general ventilation

INCOMPATIBILITY (Material to Avoid): Mineral 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. Avoid freezing.

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Clear liquid

S.G. / BULK DENSITY(g/cc): 1.04

pH: (Concentrate): 7.5 ± 0.5

VAPOUR PRESSURE (mmHg): not available

VAPOUR DENSITY (air=1): not available

ODOUR THRESHOLD: not applicable

BOILING POINT: Approx. 100°C

FREEZING POINT: Approx. 0°C

PERCENT VOLATILE: 87%

SOLUBILITY IN WATER: soluble

EVAPORATION RATE (water=1): approx. 1

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:

EYES: May cause irritation.

SKIN: May cause irritation.

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

INHALATION: Inhalation of spray, mist or vapours may cause irritation of respiratory tract.

LD50 (calculated): Not applicable

LC50 (calculated): Not applicable

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. Get medical attention for any breathing difficulty.
VII - FIRE AND EXPLOSION DATA	
FLAMMABLE: No	
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: high temperature	
INCOMPATIBILITY (Material to Avoid) : Mineral acids	
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide	
REACTIVITY: not dangerously reactive	
IX - MSDS PREPARATION	
SOURCES USED: MSDS	PREPARED BY: JohnsonDiversey Canada. Inc. Regulatory Department Industrial Division Phone (905) 829-1200
PREPARATION DATE: April 15, 2003	
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