



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 0953

PRODUCT NAME: BULK GLASS CLEANER

USE: Glass Cleaner

SUPPLIER:

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

EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: B2 D1A

CHEMICAL FAMILY: Solvent

TRADE NAME / SYNONYMS: not applicable

CHEMICAL NAME: not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Isopropanol	10-30	000067-63-0	LD50 5045 mg/kg	oral/rat
Methanol	1-5	000067-56-1	LD50 5628 mg/kg	oral/rat

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:

Gloves: Natural Rubber, Neoprene, Nitrile

Eye: safety glasses

Footwear: not required

Respiratory: If mists are generated, use NIOSH approved mask

Other: not required

SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Avoid eye contact. Do not breathe mist, spray or vapours. Do not expose to heat, spark or open flame.

VENTILATION REQUIREMENTS: General ventilation

INCOMPATIBILITY (Material to Avoid): not applicable

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.

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: Clear green liquid, mild odour.

S.G. / BULK DENSITY(g/cc): 0.97

pH: 9.9 - 10.9

VAPOUR PRESSURE (mmHg): not available

VAPOUR DENSITY (air=1): not applicable

ODOUR THRESHOLD: not applicable

BOILING POINT: approx. 100°C

FREEZING POINT: -1°C

PERCENT VOLATILE: approx. 99%

SOLUBILITY IN WATER: Soluble

EVAPORATION RATE (water=1): approx. 1

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:

EYES: May cause severe irritation.

SKIN: Repeated or prolonged contact may result in irritation.

INGESTION: May cause severe irritation of the digestive tract. May be fatal or cause blindness. May cause liver damage and central nervous system depression.

INHALATION: Breathing spray or mist may cause respiratory irritation.

LD50 (calculated): 26,180 mg/kg	LC50 (calculated): not applicable
OTHER TOXIC EFFECTS: TLV-TWA (isopropanol): 983 mg/m3 (400 ppm) TLVA-TWA (methanol): 262 mg/m3 (200 ppm)	
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: Yes, combustible if heated.	
FLASH POINT, °C: 28°C (Pensky-Martens)	AUTO IGNITION TEMPERATURE, °C:
EXTINGUISHING MEDIA: Water [x] Dry Chemical [x] Carbon Dioxide [x] Foam [] 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) : not applicable	
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide, carbon monoxide.	
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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