



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 32526

PRODUCT NAME: UC6 AMMONIATED 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: B3 E

CHEMICAL FAMILY: Alkali/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
Hexylene glycol	3-7	000107-41-5	LD50 3700 mg/kg	oral/rat
Ammonium hydroxide	1-5	001336-21-6	LD50 350 mg/kg	oral/rat
Sodium lauryl sulphate	1-5	000151-21-3	LD50 1300mg/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): acids, chlorinated 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.

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

STORAGE / SHIPPING REQUIREMENT: Store in a cool dry area in a closed container. UN1993

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Clear blue liquid, ammonia odour.

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

pH: 11.8

VAPOUR PRESSURE (mmHg): 5 mmHg @ 20°C

VAPOUR DENSITY (air=1): not applicable

ODOUR THRESHOLD: not applicable

BOILING POINT: approx. 100°C

FREEZING POINT: -1°C

PERCENT VOLATILE: approx. 94%

SOLUBILITY IN WATER: Soluble

EVAPORATION RATE (water=1): approx. 1

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:

EYES:

Corrosive. May cause severe irritation.

SKIN:

May cause severe irritation.

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. Excessive exposure may cause dizziness.	
LD50 (calculated): 7330 mg/kg	LC50 (calculated): not applicable
OTHER TOXIC EFFECTS: TLV-TWA (Isopropyl alcohol): 520 mg/m3 (400 ppm) TLV - STEL (Ammonium Hydroxide): 35 ppm NH3	
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: 29°C (TCC)	AUTO IGNITION TEMPERATURE, °C: N/App.
EXTINGUISHING MEDIA: Water [x] Dry Chemical [x] Carbon Dioxide [x] Foam [] Other []	
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus.	
HAZARDOUS COMBUSTION PRODUCTS: Ammonia. Oxides of carbon.	
EXPLOSIVE SENSITIVITY TO: not applicable	
VIII - REACTIVITY DATA	
STABILITY: Stable [X] Unstable []	
CONDITIONS TO AVOID: high temperature	
INCOMPATIBILITY (Material to Avoid) : Chlorinated materials, oxidizing materials.	
HAZARDOUS DECOMPOSITION PRODUCTS: Heat on contact with strong oxidizers. Chloramines on contact with chlorinated materials. Nitrogen oxides.	
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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