# MATERIAL SAFETY DATA SHEET

## I - PRODUCT IDENTIFICATION AND USE

**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

**MSDS ID:** 32526

** TRADE NAME / SYNONYMS:** not applicable  
**CHEMICAL NAME:** not applicable

## II - HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>HAZARDOUS INGREDIENT</th>
<th>% w/w</th>
<th>CAS #</th>
<th>LD50 / LC50</th>
<th>Route / Species</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropanol</td>
<td>10-30</td>
<td>000067-63-0</td>
<td>LD50 5045 mg/kg</td>
<td>oral/rat</td>
</tr>
<tr>
<td>Hexylene glycol</td>
<td>3-7</td>
<td>000107-41-5</td>
<td>LD50 3700 mg/kg</td>
<td>oral/rat</td>
</tr>
<tr>
<td>Ammonium hydroxide</td>
<td>1-5</td>
<td>001336-21-6</td>
<td>LD50 350 mg/kg</td>
<td>oral/rat</td>
</tr>
<tr>
<td>Sodium lauryl sulphate</td>
<td>1-5</td>
<td>000151-21-3</td>
<td>LD50 1300mg/kg</td>
<td>oral/rat</td>
</tr>
</tbody>
</table>

## 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.


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
PREPARATION DATE: March 10, 2006
PREPARED BY: JohnsonDiversey Canada, Inc.
Regulatory Department
Institutional Division
Phone (905) 829-1200

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