SECTION 1 - PRODUCT IDENTIFICATION

Product Name: AMMONIATED HEAVY DUTY GLASS CLEANER CONC. (GC401)
Chemical Family: CLEANING COMPOUND

Supplier’s Name: Banner Chemical Corp.
Supplier’s Address: 111 Hill St.
Orange, N.J. 07050

EMERGENCY TELEPHONE NUMBER 1-201-676-2900
HMIS RATING (0-4): HEALTH: 1  FIRE: 0  REACTIVITY: 0

SECTION 2 - HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>CHEMICAL NAME</th>
<th>CAS NO.</th>
<th>% (optional)</th>
<th>TLV(ACGIH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Isopropanol</td>
<td>67-63-0</td>
<td>10</td>
<td>400 ppm.</td>
</tr>
<tr>
<td>*Aqua ammonia</td>
<td>7664-41-7</td>
<td>&gt; 1</td>
<td>50 ppm.</td>
</tr>
</tbody>
</table>

*This toxic chemical is subject to reporting requirements of Sec. 313-SARA Title III-40CFR. Part 372.

SECTION 3 - PHYSICAL DATA

BOILING POINT: c. 212°F.
VAPOR PRESSURE (mmHg @ 20°C): 33
VAPOR DENSITY (air=1): 1.1
SPECIFIC GRAVITY: .95

PHYSICAL DESCRIPTION: Clear blue liquid; alcohol & ammonia aroma.

SECTION 4 - FIRE and EXPLOSION DATA

FLASH POINT: > 110°F.
EXTINGUISHING MEDIA: Media proper to primary cause of fire
SPECIAL FIREFIGHTING PROCEDURES: Cool fire exposed container with water. Use self-contained breathing apparatus.

SECTION 5 - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: Not determined

EFFECTS OF OVEREXPOSURE: EYES: Severe irritation, redness, tearing, blurred vision. SKIN: Moderate irritation, defatting, dermatitis.
INHALATION: Can cause irritation to nose, throat & respiratory tract. INGESTION: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

EMERGENCY & FIRST AID PROCEDURES: EYES: Flush with copious amount of water for at least 15 min. lifting eyelids. SKIN: Remove contaminated clothing; wash exposed area with soap & water. INHALATION: Remove to fresh air. INGESTION: Immediately give large amount of water and induce vomiting. Never give anything by mouth to an unconscious person. In all cases consult a physician.

SECTION 6 - REACTIVITY DATA

STABILITY: Stable under normal conditions
INCOMPATIBILITY: Strong oxidizers; extreme heat & fire
HAZARDOUS DECOMPOSITION PRODUCTS: CO; unidentified organic compounds
HAZARDOUS POLYMERIZATION: Will not occur

SECTION 7 - SPILL or LEAK PROCEDURES

SPILLAGE: Contain spill and absorb with Ban-dri, earth, sand or similar inert material
WASTE DISPOSAL METHOD: In a manner consistent with federal, state and local regulations

SECTION 8 - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Can use N-IOSH respirator
GLOVES: Rubber or plastic coated should be used
OTHER PROTECTIVE EQUIPMENT: Clothing cover can be used

VENTILATION: Local exhaust sufficient
EYE PROTECTION: Safety glasses or shield if splashing expected

SECTION 9 - SPECIAL PRECAUTIONS

Do not get in eyes or on skin. Wash thoroughly after handling. Use with adequate ventilation. Store away from other chemicals and out of the reach of children. Store in a closed container away from fire and extreme heat. Keep from freezing. Use protective equipment.

The data and recommendations presented herein are based upon research of others and are believed to be accurate. The manufacturer makes no warranties, express or implied, as to the accuracy, completeness or adequacy of the information contained herein. The manufacturer shall not be liable (regardless of fault) to the vendee, the vendee’s employees or anyone for any direct, special or consequential damages arising out of, or in connection with, the accuracy, completeness, adequacy or furnishing such information.