SECTION 1 - PRODUCT IDENTIFICATION

Product Name: HEAVY DUTY GLASS CLEANER CONCENTRATE (GC101)
Chemical Family: CLEANING COMPOUND
Supplier’s Name: Banner Chemical Corp.
Supplier’s Address: 111 Hill St.
Orange, NJ 07050

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>400 ppm.</td>
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*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.
- FLASH POINT: > 110°F.
- VAPOR PRESSURE (mmHg @ 20°C): 33
- VAPOR DENSITY (air=1): 1.1
- SPECIFIC GRAVITY: .95
- pH: 7.9-8.2
- SOLUBILITY IN WATER: Complete
- EVAPORATION RATE: 1.4
- % VOLATILE BY VOLUME: 99

SECTION 4 - FIRE and EXPLOSION DATA

- FLAMMABLE LIMITS: LFL 2 UFL 12
- EXTINGUISHING MEDIA: Media proper to primary cause of fire.
- SPECIAL FIREFIGHTING PROCEDURES: Cool fire exposed container with water. Use self-contained breathing apparatus.
- UNUSUAL FIRE & EXPLOSION HAZARD: None known

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 & 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.

SECTION 7 - SPILL or LEAK PROCEDURES

- SPILLAGE: Contain spill and absorb with Bandri, 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
- VENTILATION: Local exhaust sufficient
- GLOVES: Rubber or plastic coated should be used
- EYE PROTECTION: Safety glasses or shield if splashing expected
- OTHER PROTECTIVE EQUIPMENT: Clothing cover can be used

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
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