

**SECTION 1 - PRODUCT IDENTIFICATION****Product Name: GLASS and HARD SURFACE CLEANER (GC102)****Chemical Family: CLEANING COMPOUND****Supplier's Name: Banner Chemical Corp.****Proper Shipping Name: CLEANING COMPOUND****Supplier's Address: 111 Hill St.****DOT Shipping Hazard: N/A****Orange, N.J. 07050****DOT Labels Required: N/A****EMERGENCY TELEPHONE NUMBER 973/676-2900****HMIS RATING (0-4): HEALTH: 1 FIRE: 0 REACTIVITY: 0****SECTION 2 - HAZARDOUS INGREDIENTS**

CHEMICAL NAME	CAS NO.	% (optional)	TLV(ACGIH)
*Isopropanol	67-63-0		400 ppm.
2-butoxy ethanol	111-76-2		25 ppm
*Aqua ammonia	7664-41-7	>1	25 ppm.

\*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****SECTION 4 - FIRE and EXPLOSION DATA****FLASH POINT: > 110°F.****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.****PHYSICAL DESCRIPTION: Clear, thin blue liquid; ammonia/alcohol aroma.****pH: 7.9-8.2****UNUSUAL FIRE & EXPLOSION HAZARD: None known.****SOLUBILITY IN WATER: Complete****EVAPORATION RATE: 1.4****% VOLATILE BY VOLUME: 99****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****SECTION 7 - SPILL or LEAK PROCEDURES****SPILLAGE: Contain spill and absorb with Ban-dri, earth, sand or similar inert material****INCOMPATIBILITY: Strong oxidizers; extreme heat & fire****WASTE DISPOSAL METHOD: In a manner consistent with federal, state and local regulations****HAZARDOUS DECOMPOSITION PRODUCTS: CO; unidentified organic compounds****HAZARDOUS POLYMERIZATION: Will not occur****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 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.