

MATERIAL SAFETY DATA SHEET

N/A=NOT APPLICABLE

EFFECTIVE DATE 6/03

**SECTION 1 - PRODUCT IDENTIFICATION**

Product Name: HEAVY DUTY GLASS CLEANER CONCENTRATE (GC101)

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, NJ 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.

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

**SECTION 3 - PHYSICAL DATA**

**SECTION 4 - FIRE and EXPLOSION DATA**

BOILING POINT: c. 212°F.

FLASH POINT: > 110°F.

VAPOR PRESSURE (mmHg @ 20°C): 33

FLAMMABLE LIMITS: LFL 2 UFL 12

VAPOR DENSITY (air=1): 1.1

EXTINGUISHING MEDIA: Media proper to primary cause of fire.

SPECIFIC GRAVITY: .95

SPECIAL FIREFIGHTING PROCEDURES: Cool fire exposed container with water. Use self-contained breathing apparatus.

PHYSICAL DESCRIPTION: Clear, thin blue liquid; 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**

**SECTION 7 - SPILL or LEAK PROCEDURES**

STABILITY: Stable under normal conditions

SPILLAGE: Contain spill and absorb with Bandri, 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.

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