

MATERIAL SAFETY DATA SHEETS  
(MSDS)

ITEM NUMBER: 8640041 - **GLASS CLEANER WITH AMMONIA**  
IDENTITY (As Used On Label and List): **GLASS & SURFACE CLEANER**

**Emergency Medical Telephone Number 800-255-3924 (24 HRS)**

**PRODUCT HAZARD RATINGS: - Health = 1, Fire = 0, Reactivity = 1, Protective Equipment = \*B (HMIG)**  
(Rating Legend: - 4 = Extreme, 3 = Serious, 2 = Moderate, 1 = Slight, 0 = Minimal)

**Section 1**

**DETERGENT MARKETING SYSTEMS, INC. TELEPHONE NUMBER FOR INFORMATION:**  
**900 RATHBONE AVENUE 630-859-8200**  
**AURORA, IL 60506 DATE REVISED: 03/18/2003**  
**NAME OF PREPARER: Mike Gasteier**

**Section II - Hazardous Ingredients/Identity Information**

Components are listed in this section if they present a physical or health hazard and are present at or above 1% in the mixture. If a component is identified as a CARCINOGEN by NTP, IARC, or OSHA as of the date of the MSDS, it will be listed and footnoted in this section when present at or above 0.1% in the product. Negative conclusions concerning carcinogenicity are not reported. Additional health information may be found in Section V. Components subject to the reporting requirements of Section 313 of SARA Title III are identified in the footnotes in this section, along with typical percentages. Other components may be listed if deemed appropriate.

Exposure recommendations are for components. OSHA Permissible Exposure Limits (PELS) and American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Values (TLV's) appear on the line with the component identification. Other recommendations appear as footnotes.

Chemical Names	Exposure Limits (LD50-Oral Rat)	Sara Title III SEC 313	ACGIH TLV/TWA	OSHA PEL	% By Wt.
Isopropyl Alcohol (CAS # 67-63-0)			400ppm		< 5%

**Section III - Physical Characteristics**

Boiling Point: 212F Vapor Pressure (mmHG): N/A Specific Gravity (H2O=1): 1.001  
Solubility/Water: Complete Vapor Density (AIR = 1): N/A Evaporation Rate (Ether=1): About the same  
Appearance and Odor: Clear Blue/Ammonium pH: 9.0

**Section IV - Fire and Explosion Hazard Data**

Flash Point (TCC): None  
Flammable Limits - NF  
Extinguishing Media: Will not support flame  
Special Fire Fighting Procedures: None  
Unusual Fire and Explosion Hazards: None

**Section V - Reactivity Data**

Stability: Stable  
Incompatibility (Materials to Avoid): None  
Hazardous Decomposition Products: None  
Conditions to Avoid: None

## Glass & Surface Cleaner

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### Section VI - Health Hazards

**Routes of entry -** skin, eyes, ingestion

**Signs and Symptoms of Exposure :** Can cause irritation to eyes and skin.

**Medical Conditions Generally Aggravated by Exposure:** Preexisting skin or eye disorders may be aggravated by exposure to this product.

**Emergency and First Aid Procedures:**

**Eyes:** In case of contact, immediately flush eyes with plenty of water. Contact a physician if irritation persists.

**Skin:** Rinse with water

**If swallowed:** Drink large quantities of water. Call a physician.

### Section VII - Precautions for Safe Handling and Use

**Releases or Spilled:** Collect for disposal or return to stock. Flush residual with water.

**Waste Disposal Method:** Dispose in accordance with local, state, and federal regulations, product is biodegradable.

**Handling and Storing:** No unusual precautions.

**Other Precautions:** Please read and follow the directions on the product label; they are your best guide to using this product in the most effective way, and give the necessary safety precautions.

### Section VIII - Employee Protection

**Respiratory Protection:** (Type): None

**Ventilation:** Not required

**Protective Gloves:** Not required

**Eye Protection:** Not required

**Other Protective Clothing or Equipment:** None

### Section IX - Other Regulatory Controls

**Governmental Listings:** Ingredients of this product are listed on the EPA/TSCA Inventory of Chemical Substances.

### Section X - Transportation (D.O.T. Classification)

**DOT Class:** Not D.O.T. regulated.

**KEEP OUT OF REACH OF CHILDREN**

**NG - Negligible NA - Not Applicable NE - Not Established UN - Unavailable ND - Not Determined**

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