

Safety Data Sheet						
Section 1: Identification						
Name: Ammoniated Glass Cleaner Concentrate				Date Issued: 02-16-2017		
Other Name: N/A				TMA Code: 108562		
Recommended Use: Economical glass cleaning						
Supplier Information: Technical Marketing Alliance 2335 Buttermilk Crossing Crescent Springs, KY 41017						
Emergency Telephone: 800-424-9300			Product Information: 859-727-7854			
Section 2: Hazard(s) Identification						
<u>Potential Health Effects</u>						
Signal Word = Warning			Label Elements:			
Hazard Category: 2B - Causes eye irritation						
Acute Oral Toxicity = 5 - May be harmful if swallowed						
Acute Dermal Toxicity = N/A						
Skin Corrosion/Irritation = May cause skin irritation.						
Eye Damage/Irritation = 2B - Causes eye irritation						
Precautionary Statement:						
Prevention = Wash hands thoroughly after handling. Keep out of reach of children.						
Response = If on skin or hair, wash with plenty of soap and water. If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If swallowed, drink plenty of water. Call a poison center or physician if you feel unwell.						
Prolonged/Repeated Exposure Effects: See section 2 for acute affects						
Eye: Causes eye irritation, redness and pain.						
Skin: Mild irritation effect.						
Inhalation: Mild irritation effect.						
Ingestion: Can cause gastrointestinal irritation with nausea, vomiting, or diarrhea.						
The above listed potential effects are compiled based on a review of all component SDS's						
Section 3: Composition Information on Ingredients						
<u>CAS Number</u>	<u>Chemical Name</u>	<u>% by Wt.</u>	<u>RQ#</u>	<u>OSHA</u>	<u>TWA</u>	<u>STEL</u>
111-76-2	2-butoxyethanol	<5	N/A	50 ppm	24 mg/m ³	No Data
67-63-0	Isopropyl alcohol	<5	N/A	400 ppm	400 ppm	500 ppm
Components listed above are hazardous as defined in 29 CFR 1910.1200. Their quantities are proprietary. All remaining components are considered non-hazardous and proprietary in their quantities						
Section 4: First Aid Measures						
Eye: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical aid.						
Skin: Flush affected area with large quantities of water.						
Inhalation: If symptoms are experienced, remove victim to fresh air. If breathing is difficult, give oxygen.						
Ingestion: Obtain medical attention.						
Section 5: Fire Fighting Measures						
Flash Point: N/A			Fire Fighting Methods: Use methods suitable for surrounding fire.			
Auto ignition Temperature: Not Determined						
Flammability Limits: N/A						
Extinguishing Media: Select extinguisher suitable for surrounding fire			Unusual Fire Hazards: N/A			
Section 6: Accidental Release Measures						
Containment and Clean up: Observe all personal protective equipment noted in sections 5 and 8. Observe local, state, and federal laws and regulations that may apply to a release and disposal of this material.						
Section 7: Handling and Storage						
Store in original container; keep container in an upright position. Ensure container lids are in place and secure when not in use.						



Section 8: Exposure Controls

<u>CAS Number</u>	<u>Chemical Name</u>	<u>OSHA</u>	<u>TWA</u>	<u>STEL</u>
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67-63-0	Isopropyl alcohol	400 ppm	400 ppm	500 ppm

Engineering Controls: Use with adequate ventilation

PPE for Routine Handling and Spills: Wear safety glasses and chemical resistant gloves.

Eyes: Safety glasses recommended

Skin: Chemical protective gloves are recommended

Inhalation: No respiratory protection required.

Section 9: Physical and Chemical Properties

Physical Form: Liquid	Odor: slight ammonia	Freezing/Melting Point: N/D
Color: Blue	Specific Gravity: N/D	pH: Alkaline
Boiling Point: N/D	Viscosity: N/D	Vapor Density: N/D
Vapor Pressure: N/D		

Section 10: Stability and Reactivity

Chemical Stability: Stable Hazardous Polymerization: Will not Occur Conditions to Avoid: N/A
 Materials to Avoid: None known based on information supplied. Hazardous Decomposition Products: N/A

Section 11: Toxicological Information

Special Hazard Information on Components: No known applicable information

Listed on NTP Report? No

Listed on IARC (Suspected Carcinogen)? No

Section 12: Ecological Information

Ecotoxicity: Harmful to aquatic life. Bio accumulative Potential: No Data
 Persistence and Degradability: No Data Mobility in Soil? No Data

Section 13: Disposal Considerations

Review all federal, state and local laws regarding disposal of this product.

Section 14: Transportation Information

DoT shipment information (49 CFR 172.101): Not DoT regulated.

Section 15: Regulatory Information

Contents of this SDS comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200.

TSCA Status: 2-butoxyethanol and Isopropyl Alcohol are chemical substances on this SDS subject to the Toxic Substances Control Act (TSCA) section 12(b) export notification requirements delineated at 40 CFR part 707, subpart D.

EPA SARA Title III Chemical Listings: 2-butoxyethanol

CERCLA Hazardous Substances: No

Section 311/312 Hazard Class: 2-butoxyethanol

Section 313 Toxic Chemicals: 2-butoxyethanol, isopropyl alcohol

Section 16: Other Information

Prepared by: P. Grado on 02/16/2017. The industrial hygiene and safe handling procedures are believed to be applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.