

Safety Data Sheet

Section 1: Identification

Name: TMA - Glass Cleaner	Date Issued: 05/29/2019
Other Name: N/A	TMA Code: TM108274
Recommended Use: As indicated by name	
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

Potential Health Effects

Signal Word = Warning
 Classification:
 Aspiration Hazard - Category 2
 Eye Irritation - Category 2B
 Gases Under Pressure -- Liquefied Gas

Label Elements:



Hazardous Statements:
 Contains Gas under pressure: may explode if heated
 Causes eye irritation.

Precautionary Statement:

Prevention = If medical advice is needed, have product label or container on hand. Read label before use. Keep out of reach of children. Wash hands thoroughly after handling.
 Response = If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, get medical attention.
 Storage = Protect from sunlight. Store in a well-ventilated area.
 Disposal = Review all federal, state and local laws regarding disposal of this product.
 The above listed potential effects are compiled based on a review of all component SDS's

Section 3: Composition Information on Ingredients

CAS Number	Chemical Name	% w/w	RQ#	OSHA	TWA	STEL
111-76-2	Ethylene glycol monobutyl ether	<5	N/A		50 ppm	No Data
106-97-8	Butane	<5	N/A		800 ppm	No Data
64-17-5	Ethyl Alcohol	<5	N/A		1000 ppm	No Data
74-98-6	Propane	<5	N/A		1000 ppm	No Data
75-28-5	Isobutane	<5	N/A		1800 ppm	No Data

%Phosphorus in product: 0%

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: Rinse eyes immediately with large volumes of fresh water for a duration of at least 15 minutes. Get medical attention.
 Skin: Wipe off with a towel. Wash with soap and water. Get medical attention if irritation persists.
 Inhalation: Remove to fresh air. Administer oxygen if needed. Apply artificial respiration if breathing has stopped. Get medical attention.
 Ingestion: Get medical attention.

Section 5: Fire Fighting Measures

Flash Point: Not determined	Fire Fighting Methods: Use methods suitable for surrounding fire.
Auto ignition Temperature: Not Determined	Unusual Fire Hazards: Closed containers may explode from internal pressure when heated and discharge content. Liquid content of container will not support combustion.
Flammability Limits: N/A	
Extinguishing Media: Foam, alcohol foam, dry chemical, fog, or carbon dioxide.	

Section 6: Accidental Release Measures

Containment and Clean up: Clean up with an absorbent material and place in closed containers for disposal. Ventilate area and avoid breathing vapors.

Section 7: Handling and Storage

Do not puncture or incinerate cans. Do not stick pins, nails, or any other sharp objects into opening on top of can. Do not spray in eyes. Do not take internally. Use in a well ventilated area. Do not store over 120°F.

Section 8: Exposure Controls

CAS Number	Chemical Name	OSHA	TWA	STEL
111-76-2	Ethylene glycol monobutyl ether		50 ppm	No Data
106-97-8	Butane		800 ppm	No Data
64-17-5	Ethyl Alcohol		1000 ppm	No Data
74-98-6	Propane		1000 ppm	No Data
75-28-5	Isobutane		1800 ppm	No Data

Engineering Controls: Use with adequate ventilation

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

Eyes: Chemical goggles, safety glasses with side shields, or vented/splash proof goggles.

Skin: Chemical protective gloves and appropriate PPE are recommended.

Inhalation: Without adequate ventilation, a respiratory protection program which meets OSHA 29 CFR 1910.134 and ANSI Z88.2 should be followed.

Section 9: Physical and Chemical Properties

Physical Form: liquid emulsion	Odor: Characteristic	Freezing/Melting Point: N/D
Color: colorless	Specific Gravity: N/D	pH: 10
Boiling Point: N/D	Density: 7.9570 lb/gal	Vapor Density: Slower than ether
Vapor Pressure: N/D		

Section 10: Stability and Reactivity

Chemical Stability: Stable Hazardous Polymerization: Will not occur Conditions to Avoid: High temp

Materials to Avoid: None known Hazardous Decomposition Products: Carbon oxides and other toxic fumes.

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: No Data 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

UN 1950 Class 2.2 Aerosols, non-flammable, (each not exceeding 1 L capacity) (LTD QTY)

Section 15: Regulatory Information

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

TSCA Status: All components listed on this SDS are 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: No

CERCLA Hazardous Substances: Yes (Ethylene glycol monobutyl ether)

Section 311/312 Hazard Class: Yes (Ethylene glycol monobutyl ether, Propane, Ethyl alcohol, Butane, Isobutane)

Section 313 Toxic Chemicals: Yes (Ethylene glycol monobutyl ether)

Section 16: Other Information

Prepared by: P. Grado on 05/29/2019. 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.