Safety Data Sheet

MAJESTIC SOLUTIONS GLASS CLEANER

Section 1 Identification

Trade Name: MAJESTIC SOLUTIONS GLASS CLEANER
Product Identification: 4707
Synonyms: Water-based neutral detergent
Product Use Description: Glass Cleaner

General Info Phone: (919) 212-1150
Emergency Phone: (800) 535-5053

Supplier:

Majestic Solutions Dist. Co.
1001 CORPORATION PKWY
SUITE 110
RALEIGH, NC 27610

Section 2 Hazards Identification

Classifications

Gasses under pressure - Liquefied gas

Compressed Gas

Signal Word: Warning

Hazard Statements

Keep out of reach of children.
Read label and SDS before use.
Contains gas under pressure; may explode if heated.

Precautionary Statements

Prevention

Keep away from heat, sparks, open flames and hot surfaces. □
Pressurized container: Do not pierce or burn, even after use.
Protective gloves and safety glasses are recommended

Response

IF ON SKIN: Wash with soap and water.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Storage

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
Store in a well-ventilated place.

Hazards Not Otherwise Specified

Not applicable

Section 3 Composition

Chemical Name	CAS #	Concentration % by Weight
2-butoxyethanol	111-76-2	>=1 <= 5
Ethanol	64-17-5	>=1 <= 5
Propane	74-98-6	>=1 <= 4
Butane	106-97-8	>=1 <= 3

Section 4 First Aid

EMERGENCY OVERVIEW

WARNING. Contents under pressure. Keep away from heat and flame.

EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

SKIN: Wash with plenty of soap and water.

INHALATION: Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.

INGESTION: May be harmful if swallowed. Seek medical attention immediately.

Section 5 Fire Fighting Measures

Suitable fire extinguishing media:

Use water spray, fog or foam.

Specific hazards arising from the chemical:

In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of subsequent explosion. Gas may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back, causing fire or explosion. Bursting aerosol containers may be propelled from a fire at high speed.

Hazardous thermal decomposition products:

Carbon Dioxide, Carbon Monoxide

Specific fire-fighting methods:

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Special protective equipment for fire fighters:

Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in a positive pressure mode.

Section 6 Accidental Release Measures

Personal precautions:

Put on appropriate personal protective equipment (see section 8)

Environmental precautions and clean-up methods:

Stop all leaks. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Eliminate all ignition sources. Disperse vapors with water spray. Prevent runoff from entering drains, sewers, streams or other bodies of water. Absorb spill with inert material. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal.

Section 7 Handling and Storage

Do not use or store near heat, sparks or open flame. Exposure to temperatures above 120 F may cause bursting. Do not puncture or incinerate container. Store in a cool, dry place. Do not get in eyes, on skin or on clothing. Intentional misuse by deliberately concentrating and inhaling may be harmful or fatal. Keep out of reach of children.

Section 8 Exposure Controls/Personal Protection

2-butoxyethanol	
ACGIH TLV	20 ppm
OSHA PEL	25 ppm (skin)
Butane	
ACGIH TLV	1000 ppm
Ethanol	
OSHA PEL	1000 ppm
Propane	
ACGIH TLV	1000 ppm

Eye Protection: Wear safety glasses or goggles.

Skin Protection: To prevent repeated or prolonged contact, wear impervious gloves (made from rubber, nitrile or neoprene).

Respiratory Protection: When respiratory protection is required use an organic vapor cartridge. A respiratory program that meets OSHA's 29 CFR 1910.34 & ANSI Z88.2requirements must be followed.

Engineering Controls: Good general ventilation required.

Section 9 Physical and Chemical Properties

Property	Value		
Appearance	CLEAR SPRAY/MIST	Auto Ignition Temp	NOT AVAILABLE
Boiling Point	NOT AVAILABLE	Color	COLORLESS
Decomposition Temperature	NOT AVAILABLE	Evaporation Rate	NOT AVAILABLE
Explosive Limit Ranges	NOT AVAILABLE	Explosive Properties	NOT AVAILABLE
Flash Point	NONE (liquid portion)	Melting/Freezing Point	NOT AVAILABLE
Odor	PLEASANT	Odor Threshold	NOT AVAILABLE
Other Information	VOC content (wt. %): 10	Oxidizing Properties	NOT AVAILABLE
Partition Coeff	NOT AVAILABLE	Physical State	LIQUID
Relative Density	1.0	Solubility (Water)	COMPLETE
Vapor Density	NOT AVAILABLE	Vapor Pressure	NOT AVAILABLE
Viscosity	NOT AVAILABLE	pH	8-9

Section 10 Stability and Reactivity

Reactivity : Under normal conditions of storage and use, hazardous reactions will not occur.

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Chemical Stability :	Stable under normal conditions.
Incompatible Materials :	Acids, strong oxidizers.
Conditions to Avoid :	High temperatures, open flames, sparks, welding.
Decomposition Products:	CO, CO2

Section 11 Toxicological Information

Primary Route of Entry: Inhalation, eye contact

Acute/Potential Health Effects:

EYES: May cause eye irritation. Symptoms include stinging, tearing and redness.

SKIN: May cause skin irritation.

INHALATION: High vapor concentrations may be irritating to respiratory tract.

INGESTION: May be harmful if swallowed.

Chronic / Long Term Effects: None known.

Target Organ Effects: Liver, kidney, lungs and upper respiratory tract, gastrointestinal tract.

Reproductive/Developmental Information: 2-Butoxyethanol has caused red blood cell hemolysis in lab animals and secondary injury to the liver and kidney.

Carcinogenic Information: This material is not listed as a carcinogen by IARC, NTP or OSHA.

Acute Toxicity Values:

2-butoxyethanol: Ingestion - LD50, rat, 1300 mg/Kg; Dermal LD50, guinea pig 1400 mg/Kg; Inhalation - LC50, 1 hr, vapor, guinea pig > 3.1 mg/l.

Section 12 Ecological Information

2-butoxyethanol: EC50, Daphnia magna, static test, 48 h, immobilization: 1550 mg/l
Bluegill sunfish, static test, 96 h, 1300 mg/l.

Section 13 Disposal Considerations

Waste must be disposed of in accordance with federal, state and local environmental control regulations. See label for further instructions.

Section 14 Transport Information

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

UN number	1950
Proper shipping name	Aerosols, nonflammable
Class	2.2
Packing group	-

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Section 15 Regulatory Information

Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 (40 CFR 372.65)

2-butoxyethanol

If identified components of this product are **CERCLA** hazardous substances and/or listed under **Sections 302, 304, or 313 of Title III** of the Superfund Amendments and Reauthorization Act (SARA) of 1986 (also known as EPCRA, the Emergency Planning and Community Right-To-Know Act), or under **California Proposition 65** (Safe Drinking Water and Toxic Enforcement Act), they are listed above in Section 15 of this SDS.

If identified components of this product are listed under Section 313, this product contains toxic chemicals subject to the reporting requirements of Section 313. This information must be included in all SDS that are copied and distributed for this material.

Title III Section 311/312 Hazardous Categories - 40 CFR 370.2:

ACUTE (X) Chronic ( ) Fire ( ) Pressure (X) Reactive ( ) Not Applicable ( )

T.S.C.A. Status: All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.

RCRA Status: Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. If this product becomes hazardous waste it would be assigned RCRA Code(s)

None

Section 16 Other Information

HMIS Ratings :

HEALTH	1
FLAMMABILITY	4
REACTIVITY	0
PERSONAL PROTECTION	B

Disclaimer: This Manufacturer believes that the information contained in the Safety Data Sheet is accurate. The suggested procedures are based on experience as of the date of the publication. They are not necessarily all inclusive nor fully adequate in every circumstance. Also, the suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements.

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