

SAFETY DATA SHEET



PREMIER BUILDING SOLUTIONS, INC.

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Version: 1.1
Revision Date: 12/19/2016

FOAMING GLASS CLEANER

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Brand Name: GLASS CLEANER
Other Names/Synonyms: None
Recommended Use: Cleaner
Uses advised against: No information available

Company Contact Information

Premier Building Solutions, Inc.
480 Nova Drive
Massillon, OH. 44646
Telephone: 330-244-2907

Emergency Telephone Number

CHEMTREC: 1-800-424-9300 (24 hours) or 1-703-527-3887

2. HAZARDS IDENTIFICATION

GHS Classification



Emergency Overview: Signal word (GHS-CA) - Warning

Hazard Statements (GHS-CA): Contains gas under pressure; may explode if heated

GHS-CA Classification: Liquefied gas

Precautionary Statements (GHS-CA): Protect from sunlight. Store in a well-ventilated place.

Other Hazards

None known

Unknown acute toxicity (GHS-CA)

Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>CAS Number</u>	<u>*Wt %</u>	<u>Component Name</u>
64-17-5	4.6	Ethyl Alcohol

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4. FIRST AID MEASURES

General Advice: Show this safety data sheet to the doctor in attendance.

Eye Contact

In case of contact, immediately flush eyes with plenty of water. Remove contact lenses, if worn. If irritation persists, get medical attention.

Skin Contact

If irritation occurs, flush skin with plenty of water. Get medical attention if irritation persists.

Inhalation

If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

Ingestion

If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation

May cause respiratory tract irritation

Symptoms/injuries after skin contact

May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.

Symptoms/injuries after eye contact

May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

Symptoms/injuries after ingestion

Maybe harmful if swallowed. May cause stomach distress, nausea or vomiting.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically. Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media

Foam. Dry powder. Water Spray.

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Unsuitable extinguishing media

Do not use water jet

Specific Hazards Arising from the Chemical

Fire hazard

Products of combustion may include, and are not limited to: oxides of carbon

Explosion hazards

Pressurized container. May burst if heated.

Advice for firefighters

Keep upwind of fire. Wear full firefighting turn-out gear (full Bunker gear) and respiratory protection (SCBA)

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

General measures

Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental Precautions

No additional information available

Methods and material for containment and cleaning up

Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE). Scoop up material and place in a disposal container.

Reference to other sections

See Section 8 for further information on protective clothing and equipment and Section 13 for advice on waste disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling

Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not swallow. When using do not eat, drink or smoke. Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

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Conditions for safe storage, including any incompatibilities

Storage conditions

Keep out of the reach of children. Store away from direct sunlight or other heat sources. Store in a well-ventilated place. Keep cool.

Specific end use

Not available

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH	OSHA	IDLH	NIOSH
Ethyl Alcohol CAS# 64-17-5	STEL = 1000 ppm	PEL (TWA) = 1900 mg/m ³ PEL (TWA) = 1000 ppm	US = 3300 ppm (10% LEL)	REL (TWA) = 1900 mg/m ³ REL (TWA) = 1000 ppm

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits Immediately Dangerous to Life or Health

Environmental Exposure Guidelines

Avoid release to the environment. Maintain levels below Community environmental protection thresholds

Appropriate engineering controls

Ensure good ventilation of the work station. Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

Individual protection measures, such as personal protective equipment

Eye Protection

Safety glasses or goggles are recommended when using product.

Hand Protection

None necessary under normal conditions of use. Wear gloves if handling large quantities.

Skin and Body Protection

None necessary under normal conditions of use.

Respiratory Protection

In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

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Other information

Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices.

9. PHYSICAL & CHEMICAL PROPERTIES

Physical Form: Gas/ pressurized liquid
Color: Colorless to light yellow
Odor: Mild alcohol odor
Odor Threshold: No information available
Appearance: Liquid

<u>Property</u>	<u>Values</u>	<u>Remarks Method</u>
pH	9	None known
pH Solution	No data available	None known
Melting / freezing point	No data available	None known
Boiling point / boiling range	No data available	None known
Flash Point	No data available	None known
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		
Upper flammability limits	No data available	
Lower flammability limits	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Relative Density	0.988	None known
Density	8.23 lbs/gal	None known
Water Solubility	No data available	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Aerosol spray enclosed space		
Deflagration density	No data available	None known
Aerosol spray ignition distance	No data available	None known
Oxidizing Properties	No data available	None known
Heat of combustion	2.8 kJ/g	None known

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10. STABILITY AND REACTIVITY

Reactivity

No dangerous reaction known under conditions of normal use.

Chemical stability

Material is stable under normal conditions. Contains gas under pressure; may explode if heated.

Possibility of Hazardous Reactions

No dangerous reaction known under conditions of normal use.

Conditions to avoid

Heat. Incompatible materials

Incompatible materials

Strong oxidizing agents

Hazardous Decomposition Products

May include, and are not limited to: oxides of carbon

11. TOXICOLOGICAL INFORMATION

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Foaming Glass Cleaner	> 2000 mg/kg (rat)	> 2000 mg/kg (rabbit)	> 20 mg/l/4h (rat)
Ethyl Alcohol CAS# 64-17-5	7060 mg/kg (rat)	-	124.7 mg/l/4h (rat)

Acute toxicity

Not classified

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Based on available data, the classification criteria are not met.

Respiratory or skin sensitization

Based on available data, the classification criteria are not met.

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Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

Specific target organ toxicity (single exposure)

Based on available data, the classification criteria are not met.

Specific target organ toxicity (repeated exposure)

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Symptoms/injuries after inhalation

May cause respiratory tract irritation.

Symptoms/injuries after skin contact

May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.

Symptoms/injuries after eye contact

May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

Symptoms/injuries after ingestion

May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

12. ECOLOGICAL INFORMATION

Ecological toxicity

May cause long-term adverse effects in aquatic environment

Persistence and degradability

Not established

Bioaccumulative potential

Not established

Mobility in soil

No information available

Other adverse effects

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No information available.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste Disposal recommendations

This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.

Additional information

Do not puncture or incinerate containers

14. TRANSPORT INFORMATION

UN-No. TDG

UN 1950

Proper shipping name TDG

AEROSOLS, non-flammable

TDG Primary Hazard Classes

2.2

Hazard labels TDG



15. REGULATORY INFORMATION

International Inventories

DSL/NSDL

Listed, or excluded from listing

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16. OTHER INFORMATION

Note: The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this material. It is the responsibility of the user to comply with all applicable laws and regulations. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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