

# Safety Data Sheet

## Quality Glass Window Cleaner

### SECTION 1: IDENTIFICATION

Product Name: Quality Glass Window Cleaner

Manufacturer: Ceramic Garage  
500 Glass Lane Ste C-3, D-4  
Modesto, CA 95356

Information Phone Number: 209-718-7000

Emergency Phone Number: 209-718-7000

Product Use: Glass cleaner – consumer product

Restriction on Use: None known

SDS Date of Preparation: November 17, 2022

### SECTION 2: HAZARDS IDENTIFICATION

GHS Classification (Hazcom 2012):

Flammable Aerosol Category 2

Gases under Pressure – Compressed Gas

Label Elements:



Danger!

Hazard Phrases:

Flammable aerosol.

Contains gas under pressure; may explode if heated.

Precautionary Phrases:

Keep away from heat, sparks, open flames, and hot surfaces. No smoking.

Do not spray on an open flame or other ignition source.

Pressurized container: Do not pierce or burn, even after use.

Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.

Store in a well-ventilated place.

Dispose of contents and container in accordance with local and national regulations.

Other Hazards: None

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	%
Petroleum gases(contains: Butane, Isobutane and Propane)	74-98-6 75-82-5 106-97-8	1-5%
Isopropanol	67-63-0	1-5%
2-Butoxyethanol	111-76-2	<2%

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Water and other ingredients below their reporting threshold	Mixture	90-95
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The specific identity and/or exact percentage of composition have been withheld as a trade secret.

### SECTION 4: FIRST AID MEASURES

Eye: Rinse thoroughly with water. Get medical attention if irritation occurs and persists.

Skin: No first aid should be needed.

Inhalation: If irritation develops, move to fresh air. Get medical attention if irritation or other symptoms develop and persist.

Ingestion: Ingestion is an unlikely route of exposure for aerosol products. If ingestion occurs, rinse mouth with a small amount of water. Do not induce vomiting. Never give anything by mouth to an unconscious or drowsy person. Get medical attention if you feel unwell.

Most Important symptoms and effects, both acute and delayed: Direct contact may cause minor, transient eye irritation. Inhalation of vapors or mists may cause minor upper respiratory tract irritation.

Indication of any immediate medical attention and special treatment needed: Immediate medical attention is not required.

### SECTION 5: FIRE-FIGHTING MEASURES

Suitable and Unsuitable Extinguishing Media: Use water spray or fog, alcohol-resistant foam, carbon dioxide or dry chemical.

Special Hazards Arising from the Chemical: Flammable aerosol. Contents under pressure. Keep away from ignition sources and open flames. Prolonged exposure to temperatures above 120°F may cause cans to burst. Combustion may produce carbon dioxide and carbon monoxide.

Special Equipment and Precautions for Fire-Fighters: Wear NIOSH approved, positive pressure, self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water. Use shielding to protect against bursting containers.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures: Eliminate all sources of ignition and ventilate area. Wear appropriate personal protective equipment.

Environmental Hazards: Report spills and releases as required to appropriate authorities.

Methods and Material for Containment and Cleaning Up: Place leaking can in an open container in a well-ventilated area until pressure has dissipated. Contain and collect liquid with an inert absorbent and place in a container for disposal. Clean spill area thoroughly.

### SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling: Avoid prolonged contact with eyes, skin, and clothing. Avoid breathing vapors and mists. Use with adequate ventilation. Keep away from heat sources. Contents under pressure. Do not puncture, crush or incinerate containers, even when empty. Do not smoke while using. Keep out of the reach of children.

Conditions for Safe Storage, Including any Incompatibilities: Store in a cool, well-ventilated area at temperatures below 120°F. Do not store in direct sunlight.

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### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name	Exposure Limits
Isobutane and Butane (as Butane, isomers)	1000 ppm STEL ACGIH TLV
Propane	1000 ppm TWA OSHA PEL
Isopropanol	200 ppm TWA, 400 ppm STEL ACGIH TLV 400 ppm TWA OSHA PEL
2-Butoxyethanol	20 ppm TWA ACGIH TLV 50 ppm TWA OSHA PEL (skin)

Appropriate Engineering Controls: General ventilation should be adequate for normal use.

Individual Protection Measures:

Respiratory Protection: None normally required. In operations where the occupational exposure limits are exceeded, a NIOSH approved respirator with organic vapor cartridges or supplied air respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice.

Skin Protection: None required for normal use. For bulk handling and packaging operations, impervious gloves are recommended.

Eye Protection: None required for normal use. For bulk handling and packaging operations, safety glasses with side-shields are recommended.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, colorless liquid	Vapor Density (air = 1): 1.7 propellant
Odor: Pleasant	Specific Gravity: 0.99
Odor Threshold: Not established	Water Solubility: Completely soluble
pH: 8.5-9.5	Octanol/Water Partition Coefficient: Not available
Melting Point/Freezing Point: Not available	Autoignition Temperature: Not available
Boiling Point: Not available	Decomposition Temperature: Not available
Flash Point: -156°F (propellant)	Viscosity: Water thin
Evaporation Rate: Not available	Explosion Properties: None
Flammable Limits: LEL: 1.8% (propellant) UEL: 9.5% (propellant)	Oxidizing Properties: Not oxidizing
Vapor Pressure: 80 psig @70°F	Aerosol Fire Protection Level: Level 1 Aerosol (NFPA 30B)
CPSC Flammability Test Data: Flame extension – 0 inches	Flashback - No

### SECTION 10: STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions of use.

Chemical Stability: Stable under normal storage and handling conditions.

Possibility of Hazardous Reactions: None known.

Conditions to Avoid: Keep away from heat, sparks, flames and other sources of ignition. Do not puncture or incinerate containers. Dropping containers may cause bursting.

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Incompatible Materials: Avoid strong oxidizing agents and acids.

Hazardous Decomposition Products: Thermal decomposition may produce carbon dioxide and carbon monoxide.

### SECTION 11: TOXICOLOGICAL INFORMATION

Potential Health Effects:

Eye: Contact with the liquid may cause slight eye irritation with redness and tearing.

Skin: Prolonged or repeated direct contact with concentrate may cause mild skin irritation or drying.

Inhalation: Breathing high concentrations of vapors or mists may cause nasal and respiratory irritation. Intentional abuse may be harmful or fatal.

Ingestion: Ingestion is an unlikely route of exposure for aerosol products. Swallowing may cause gastrointestinal irritation.

Chronic Hazards: None known.

Carcinogen Status: None of the components of this product are listed as carcinogens by IARC, NTP or OSHA.

Acute Toxicity Values:

Product ATE: >5000 mg/kg (Oral)

Isopropanol: LD50 oral rat 5045 mg/kg; LD50 dermal rabbit 12,800 mg/kg

2-Butoxyethanol: Oral rat LD50: 615 mg/kg; LD50 dermal rabbit 435 mg/kg

### SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

Isopropanol: LC50 fathead minnows (*Pimephales promelas*), 230 mg/L/96 hr  
EC50 water flea (*Daphnia magna*), immobilization: 7,550-13,299 mg/L/48 hr  
EC50 alga *Scenedesmus* sp., Growth rate inhibition: >1,000 mg / 72 hr

2-Butoxyethanol: LC50 fathead minnows (*Pimephales promelas*), 1700 mg/L/96 hr  
EC50 water flea (*Daphnia magna*), immobilization: >1000 mg/L/48 hr  
EC50 alga *pseudokirchneriella subcapitata* ., Growth rate inhibition: 720 mg / 96 hr

Persistence and Degradability: Isopropanol and 2-butoxyethanol are readily biodegradable.

Bioaccumulative Potential: Isopropanol and 2-butoxyethanol have a low potential to bioaccumulate.

Mobility in Soil: Isopropanol and 2-butoxyethanol are highly mobile in soil.

Other Adverse Effects: None known

### SECTION 13: DISPOSAL CONSIDERATIONS

Dispose in accordance with all local, regional and national regulations. Do not puncture or incinerate containers. When contents are depleted, continue to depress the button until all gas is expelled.

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### SECTION 14: TRANSPORT INFORMATION

DOT Proper Shipping Name: UN1950, Aerosols, 2.1, Limited Quantity  
DOT Technical Name: None  
DOT Hazard Class: 2.1  
UN Number: UN1950  
DOT Labels Required (49CFR172.101): LTD QTY  
Hazardous Substance (49CFR172.101): None  
Reportable Quantity: N/A

IMDG Shipping Description: UN1950, Aerosols, 2.1, FP -104 C, Limited Quantity  
ID Number: UN1950  
Hazard Class: 2.1  
Packing Group: None  
Labels Required: None  
Marking Required: Limited Quantity Mark  
Placards Required: Limited Quantity Mark on Transport Containers

### SECTION 15: REGULATORY INFORMATION

Safety, health, and environmental regulations specific for the product in question.

CERCLA Hazardous Substances (Section 103)/RQ: This product is not subject to CERCLA reporting requirements as it is sold. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

SARA Hazard Category (311/312): Refer to Section 2 for OSHA Hazard Classification.

SARA 313: This product contains the following chemicals regulated under SARA Title III, section 313:

2-Butoxyethanol (as glycol ether)	111-76-2	<2%
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EPA TSCA Inventory: All of the components of this product are listed on the TSCA inventory.

### SECTION 16: OTHER INFORMATION

SDS Date of Preparation/Revision: November 17, 2022

Revision Summary: Revisions to Sections 2, 5 and 9.

SDS Date of Previous Revision: December 15, 2021

**EMERGENCY Contact Infotrac** - Domestic 1-800-535-5053  
- International 1-352-323-3500

#### NOTICE

This above information is believed to be correct but does not propose to be all inclusive and shall be used only as a guide. Ceramic Garage shall not be held liable for any damage resulting from handling or from contact with the above product. This information relates only to the product designated herein and does not relate to its use in combination with any other material or process.