



Maintenance Solutions

# Glass Glo C

## Concentrated Glass Cleaner



### For Use On:

- |             |                 |              |
|-------------|-----------------|--------------|
| Windows     | Stainless Steel | Aluminum     |
| Showcases   | Chandeliers     | Monitors     |
| Plexiglass  | Mirrors         | T.V. Screens |
| Windshields | Chrome          |              |

### DESCRIPTION

A concentrated high quality blend of anionic surfactants, sequestering agents, and solvent alcohol. Produces a completely film-free surface, without any streaks and smears. Will quickly penetrate all dust, oils, smoke and soil. Ideal for dilutions up to 1 to 10 with water.

### DIRECTIONS

Dilute 5 to 10 parts water, depending on soil conditions. Apply a fine mist with an atomizing sprayer to any glass surface. Dry and polish with a soft, lint-free cloth. Best results can be obtained by using two cloths. One for drying and one for polishing.

This product meets the maximum content requirements for Volatile Organic Compounds (VOCs) as established by state and Federal regulations.

Glass Cleaners

### PRODUCT SPECIFICATIONS

<b>Color:</b>	Dark blue	<b>Emulsification:</b>	Excellent
<b>Odor:</b>	Solvent alcohol	<b>Detergency:</b>	Excellent
<b>Base:</b>	Alcohol, Glycol ether	<b>Rinsability:</b>	Excellent
<b>pH:</b>	9.5 - 10.5	<b>Flash Point:</b>	120°F (TCC)
<b>Viscosity:</b>	Water thin	<b>Biodegradability:</b>	Complete
<b>Foam:</b>	Low	<b>Storage/Stability:</b>	2 years
<b>Abrasives:</b>	None	<b>Weight per Gallon:</b>	8.16 lbs./gal.
<b>Phosphate Content:</b>	None	<b>Freeze / Thaw Stability:</b>	Keep from Freezing
<b>Solubility:</b>	Complete with water		

## SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

**Manufacturer's Name:**  
Misco Products Corporation  
**Manufacturer's Address:**  
1048 Stinson Drive Reading, PA 19605  
**Manufacturer's Phone #:** (610) 926-4106

**Product Name:** Glass Glo (Concentrate)  
**Generic Name:** Concentrated Glass Cleaner  
**Chemical Family:** Solvent Alcohol Blend  
**Formula:** Proprietary

**Supplier's Name:**  
**Supplier's Address:**  
**Supplier's Phone #:**

## SECTION 2-INGREDIENT INFORMATION

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
Methanol	67-56-1	5 to 10	200 ppm	200 ppm	250 ppm
Isopropyl Alcohol	67-63-0	0 to 5	400 ppm	400 ppm	500 ppm
2-Butoxyethanol	111-76-2	10 to 15	25 ppm	25 ppm	N/A
Anionic Surfactant	151-21-3	0 to 5			
Dye	N/A	0 to 5			

## SECTION 3-PHYSICAL DATA

**Boiling Point (°F):** 180-350 F.  
**Vapor Pressure:** 30mm Hg @ 68 F.  
**% Volatile:** 99+  
**Solubility in Water:** Complete  
**Physical Description:** Thin blue liquid with solvent/alcohol odor.

**Specific Gravity:** .979  
**Vapor Density (Air=1):** >1  
**pH:** 10.0-10.5  
**Evaporation Rate (Water=1):** >1

## SECTION 4-FIRE AND EXPLOSION HAZARD DATA

**Flash Point (Method Used):** 120 F. (TCC)  
**Upper Explosion Limit:** 10  
**Lower Explosion Limit:** 4  
**Extinguishing Media:** CO<sub>2</sub>, Dry Foam, Water Mist.  
**Special Firefighting Procedures:** Water is very effective.  
**Unusual Fire and Explosion Hazards:** Drums heated by fire can explode.

## SECTION 5-REACTIVITY DATA

**Stability:** Stable

**Hazards Decomposition Products:** Carbon monoxide possible if burned.

**Hazardous Polymerization:** None

**Incompatibility (Materials to Avoid):** Strong oxidizers.

## SECTION 6-STORAGE AND HANDLING INFORMATION

Keep out of reach of children. Combustible liquid. Avoid contact with excessive heat, spark or open flame. For use by trained personnel only. Keep container closed during storage. For institutional and industrial use only. Avoid contact with eyes, skin and clothing. Wear protective eyewear when danger of mist contact may occur. Avoid breathing of vapors or mist. Use in well-ventilated area. Empty container may contain explosive or flammable vapors.

## SECTION 7-HEALTH HAZARDS AND FIRST AID

**Effects of Overexposure:**

**Skin:** Prolonged or repeated contact may cause dermatitis.

**Eyes:** Eye irritant. Liquid and mist may damage the eyes, causing corneal damage.

**Inhalation:** Vapors may be irritating to the mucous membranes of the nose, throat, and lungs. Some reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.

**Ingestion:** Irritating to gastrointestinal system. May cause nausea, vomiting, and diarrhea. Excessive amounts can cause blindness/death.

**First Aid Procedures:**

**Skin:** Flush with water. Seek medical attention if irritation persists.

**Eyes:** Flush with large quantities of water, holding eyelids open. Seek medical attention.

**Inhalation:** Get to fresh air. Seek medical attention if irritation persists.

**Ingestion:** Dilute with 2 glasses of water and induce vomiting immediately. Seek medical attention immediately.

## SECTION 8-SPECIAL PROTECTION INFORMATION

**Respiratory Protection:** Use in well-ventilated area.

**Ventilation Requirements:** Provide local exhaust to keep TLV of Section 2 ingredients below acceptable limit.

**Protective Gloves:** Waterproof recommended.

**Eye Protection:** Chemical splash goggles when danger of mist contact will occur.

**Other Protective Equipment:** Eyewash station should be provided nearby.

## SECTION 9-SPILL OR LEAK PROCEDURES

**Steps to be taken in Case Material is Released or Spilled:** Floors will become slippery. Avoid walking in product. Shut off all ignition sources. Keep unessential personnel away. Mop up or otherwise absorb and hold disposal. Avoid discharge to sewer or open waterways.

**Waste Disposal Method:** Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. If discarded, this material and containers should be treated as hazardous waste based on the characteristic of ignitability as defined under federal RCRA regulations (40 CFR 261). Consult local authorities for disposal in public sewer. Do not dispose of into storm drain, stream, river or to ground. Rinse container thoroughly before discarding in trash.

## SECTION 10-REGULATORY INFORMATION

**SARA Title III - Section 311/312 -Hazard Categories:**

Yes - Fire Hazard

No - Sudden Release of Pressure Hazard

No - Reactivity Hazard

Yes - Immediate (acute) Health Hazard

Yes - Delayed (chronic) Health Hazard

**Shipping Information:**

FOR CONTAINERS > 1 Gallon : Cleaning Compound

FOR 1 GALLON CONTAINERS : Cleaning Compound

FOR CONTAINERS < 1 GALLON :Cleaning Compound

**HMIS Hazardous Materials Identification System**

<b>Health</b>	<b>2</b>
<b>Flammability</b>	<b>2</b>
<b>Reactivity</b>	<b>0</b>
<b>Personal Protection</b>	<b>B</b>

**FOR EMERGENCY MEDICAL OR TRANSPORT INFORMATION:** CHEM-TEL, Inc. @ 800-255-3924 (24 hours, 7 days per week)

This product contains the following toxic chemical(s) subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

CAS#	Chemical Name	Percent by Weight
67-56-1	Methanol	8
111-76-2	2-Butoxyethanol	11.0

This product contains the following chemical(s) which have been established to be either a carcinogen or suspected carcinogen.

CAS#	Chemical Name	Percent by Weight
	None	

## SECTION 11-OTHER INFORMATION

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept no liability for damages or loss incurred from the improper handling and use of this product