



3100 N.W. 36th Street  
Miami, FL, 33142  
PH: (833) 423-0432  
www.gcelectronics.com

SDS Number: 328  
Revision Date: 03/12/2021  
Supersedes Date: New

## SAFETY DATA SHEET

Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200

### Product Name: **GLASS AND LCD CLEANER**

#### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Type: Specialty Mixture  
Product Name: **GC Glass and Plastic Cleaner**  
Part Number(s): 10-9083

Emergency Contact: **Chemtrec**  
Phone: **(800) 424-9300**

#### SECTION 2. HAZARDS IDENTIFICATION

Note: This product is a consumer product and is labeled in accordance with the US Consumer Product Safety Commission regulations which take precedence over OSHA Hazard Communication labeling. The actual container label will not include the label elements below. The labeling below applies to industrial/ products under OSHA Hazard Communication labeling.

##### Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200)

Liquefied gas

##### Label elements

Hazard Symbol



Signal word(s)

**WARNING**

Hazard Statement(s)

Contains gas under pressure; may explode if heated.

Precautionary Statement(s)

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

Other hazards

None

This product contains the following percentage of chemicals of unknown toxicity: 0%

#### SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredient(s)	% wt. *	CAS No.
Propane/n-Butane	3-7	68476-86-8
Ethyl Alcohol	1-5	64-17-5
2-Butoxyethanol	1-5	111-76-2



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#### SECTION 4. FIRST AID MEASURES

**Description of first aid measures**

Inhalation	Move person to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration or at any sign of loss of consciousness seek immediate medical attention.
Skin Contact	Wash affected skin with soap and water. If symptoms develop, obtain medical attention.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation develops and persists, get medical attention.
Ingestion	Do not induce vomiting unless directed by medical authority. Immediately rinse mouth with water. Seek medical attention if irritation persists.
ACUTE HEALTH HAZARDS: CHRONIC HEALTH HAZARDS:	None known None known
NOTE TO PHYSICIAN:	There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

#### SECTION 5. FIREFIGHTING MEASURES

**Extinguishing Media**

-Suitable Extinguishing Media	Dry chemical, carbon dioxide, alcohol foam, and water spray or fog.
-Unsuitable Extinguishing Media	N/A

**Special hazards arising from the substance or mixture**

Pressurised container: May burst if heated

**SPECIAL FIRE FIGHTING PROCEDURES:**

Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Use water spray only to cool exposed containers.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**

Contents under pressure. Exposure to temperatures above 120 F may cause bursting. Cool containers with water during fire to keep containers from bursting.

**HAZARDOUS COMBUSTION PRODUCTS:**

Oxides of carbon

#### SECTION 6. ACCIDENTAL RELEASE MEASURES

**PERSONAL PROTECTIVE EQUIPMENT:  
SPILL:**

Refer to Section 8 for proper Personal Protective Equipment.

**WASTE DISPOSAL:  
RCRA STATUS:**

Use non-combustible material like vermiculite, sand or earth on spill sweep to clean. Dispose in accordance with local, state and federal laws. Small releases may be wiped up with wiping material. Dispose of in accordance with federal, state, and local regulations. Not listed as hazardous waste under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

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### SECTION 7. HANDLING AND STORAGE

**HANDLING AND STORAGE:** Protect from sunlight. Store in a well ventilated place. Do not expose to temperatures exceeding 50°C/122°F.  
 Pressurized container: Do not pierce or burn, even after use.

**OTHER PRECAUTIONS:** None

**INCOMPATIBILITY:** Strong oxidizers, Alkalies, Acids

### SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
2-Butoxyethanol	50 ppm	20 ppm
Ethyl Alcohol	1000ppm	1000ppm
Propane/n-Butane	1000ppm	1000ppm

**Appropriate engineering controls** Ambient ventilation suitable, forced ventilation should not be required

**Personal protection equipment**  
 Eye/face protection Wear protective eyewear (goggles, face shield, or safety glasses).



Skin protection (Hand protection/ Other) Wear suitable gloves if prolonged skin contact is likely (Nitrile rubber).



Respiratory protection Not required with normal use.

**ADDITIONAL MEASURES:** Follow normal hygiene practices  
**EXPOSURE GUIDELINES:** N/A



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### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Information on basic physical and chemical properties

APPEARANCE:	White Foam
ODOR:	Pleasant scent
ODOR THRESHOLD:	N/D
pH:	9.6
MELTING POINT/ FREEZING POINT:	N/D
INITIAL BOILING POINT AND BOILING RANGE:	> 212°F (100°C)
FLASH POINT:	N/D
EVAPORATION RATE:	< 0.8 (Slow)
FLAMMABILITY(solid/gas):	Not considered a flammable aerosol or an extremely flammable aerosol by OSHA (29CFR 1910.1200)
LOWER FLAMMABILITY LIMIT:	N/D
UPPERFLAMMABILITY LIMIT:	N/D
EXPLOSIVE LIMIT LOWER (%):	N/D
EXPLOSIVE LIMITUPPER (%):	N/D
VAPOR PRESSURE(mm Hg):	17.5 @ 77°F (25°C)
VAPOR DENSITY (AIR=1):	1
RELATIVE DENSITY (H2O=1):	0.99
SOLUBILITY(IES):	100% water
PARTITION COEFFICIENT: n-OCTANOL/WATER (KOW):	N/D
AUTOIGNITION TEMPERATURE:	N/A
DECOMPOSITION TEMPERATURE:	N/A
VISCOSITY:	N/A

### SECTION 10. STABILITY AND REACTIVITY

Reactivity	N/A
Chemical stability	Stable.
Possibility of hazardous reactions	None anticipated.
Conditions to avoid	Avoid contact with heat and ignition sources. Temperatures greater than 122°F
Incompatible materials	Strong oxidizers, Alkalies, Acids
Hazardous decomposition product(s)'''	None known

### SECTION 11. TOXICOLOGICAL INFORMATION

**TOXICOLOGICAL INFORMATION:** 2-Butoxyethanol (111-76-2) LD50 (Oral, Rat) 470 mg/kg; Inhalation rat LC50 (Inhalation, Rat, 4hr) 450 ppm; LD50 (Dermal, Rabbit) 220 mg/kg; investigated as a tumorigen, mutagen, reproductive effector. Reproductive Toxicity: Has shown teratogenic effects in laboratory animals.

ROUTES OF ENTRY:	Eyes, Ingestion, Inhalation, Skin
EYES:	May cause irritation.
INGESTION:	Not a likely route of exposure under normal product handling conditions.
INHALATION:	Causes dizziness if inhaled directly or exposed to excessive amounts.
SKIN:	May cause mild irritation, localized defatting.
MEDICAL CONDITION AGGRAVATED:	None known
ACUTE HEALTH HAZARDS:	None known
CHRONIC HEALTH HAZARDS:	None known
CARCINOGENICITY:	OSHA: No ACGIH: No NTP: No IARC: No OTHER: N/A



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### SECTION 12. ECOLOGICAL INFORMATION

**ECOTOXICITY:** Ethyl Alcohol (64-17-5) LC50 (Fish, 96hr) 12,900-15,300 mg/L; LC50 (Bacteria, 24hr) 11,200 mg/L; EC50 (Bacteria, 5-30 min) 34,900 mg/L **2-Butoxyethanol** (111-76-2) Toxic to aquatic life only in high concentrations, lethal concentrations not available.

**PERSISTENCE AND DEGRADABILITY:** This product is biodegradable.

**BIOACCUMULATIVE POTENTIAL:** This product is not expected to bioaccumulate.

**MOBILITY IN SOIL:** This product is mobile in soil.

**OTHER ADVERSE EFFECTS:** None Known

### SECTION 13. DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL:** Dispose of in accordance with federal, state, and local regulations.

**RCRA STATUS:** Not listed as hazardous waste under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

### SECTION 14. TRANSPORT INFORMATION

**PROPER SHIPPING NAME:** Aerosols, Ltd. Qty.  
**HAZARD CLASS/DIVISION:** 2.2  
**UN/NA NUMBER:** UN 1950  
**PACKING GROUP:** N/A

**AIR SHIPMENT**  
**PROPER SHIPPING NAME:** Aerosols, Non-Flammable  
**HAZARD CLASS/DIVISION:** 2.2  
**UN/NA NUMBER:** UN 1950  
**PACKING GROUP:** N/A

**SHIPPING BY WATER:** Vessel (IM0/IMDG)  
**PROPER SHIPPING NAME:** Aerosols, Ltd. Qty.

**HAZARD CLASS/DIVISION:** 2.2  
**UN/NA NUMBER:** UN 1950  
**PACKING GROUP:** N/A  
**ENVIRONMENTAL HAZARDS WATER:** N/A



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### SECTION 15. REGULATORY INFORMATION

TSCA STATUS:	All Chemicals are listed or exempt.		
CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):	None		
SARA 311/312 HAZARD CATEGORIES:	None		
SARA 313 REPORTABLE INGREDIENTS:	<b>2-Butoxyethanol</b> (111-76-2) .5-1.5%		
CLEAN WATER ACT:	None		
STATE REGULATIONS: California Proposition 65:	None		
INTERNATIONAL REGULATIONS:	<b>2-Butoxyethanol</b> (111-76-2) EU (EINECS), Japan (ENCS), Australia (AICS), Canada (WHMIS), DSCL (EEC), NDSL, Korea (ECL), Philippines (PICCS), New Zealand (NZIOC), China (IECS). 8.5 %		
VOLATILE ORGANIC COMPOUNDS (VOC):			
<b>NFPA HEALTH:</b>	1	<b>HMIS HEALTH:</b>	1
<b>NFPA FLAMMABILITY:</b>	1	<b>HMIS FLAMMABILITY:</b>	1
<b>NFPA REACTIVITY:</b>	1	<b>HMIS REACTIVITY:</b>	1
<b>NFPA OTHER:</b>	None	<b>HMIS PROTECTION:</b>	A

### SECTION 16. OTHER INFORMATION

N/A = Not Applicable; N/D = Not Determined

### SECTION 17. DISCLAIMER

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