

# SAFETY DATA SHEET

## C-Clear Glass Cleaner

Revision Date: 14-May-2015

### SECTION 1 — IDENTIFICATION

**Product Name:** C-Clear Glass Cleaner  
**Synonyms:** Aerosol Glass Cleaner  
**Supplier Details:** DeVere Company, Inc.  
1923 Beloit Ave. • Janesville, WI 53546 • U.S.A.  
Phone: 1-608-752-0576  
**Website:** <http://deverechemical.com>  
**Emergency (24-Hour):** CHEMTREC 1-800-424-9300 (within the U.S.A.), 1-703-527-3887 (International)  
**Recommended Use of the Chemical and Restrictions On Use:** Aerosol Glass Cleaner



### SECTION 2 — HAZARDS IDENTIFICATION

**Hazard Classification of the Substance or Mixture:**

Acute toxicity - Inhalation (Gases); Category 4  
Gases Under Pressure; Liquefied gas

**Risk Phrases:**

R20 - Harmful by inhalation.

**Signal Word:**

WARNING

**Hazard Statement(s):**

H332 - Harmful if Inhaled  
H280 - Contains gas under pressure; may explode if heated.

**Precautionary Statement(s):**

P102 - Keep out of reach of children.  
P103 - Read label before use.  
P260 - Do not breathe dusts or mists.  
  
P302 + P352 - IF ON SKIN: Wash with plenty of water  
P304+P340 - IF INHALED: remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
  
P314 - Get medical advice and attention if you feel unwell.  
  
P391 - Collect spillage.  
P402+P404 - Store in a dry place. Store in a closed container.  
P403 - Store in a well-ventilated place.  
P410 - Protect from sunlight.

**Pictogram(s)**



Hazards not Otherwise Classified: Causes mild skin irritation

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### SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

Product is a Mixture according to 29 CFR 1910.1200.

Chemical Name	CAS Number	%
2-BUTOXYETHANOL	111-76-2	1 - 5%
N-BUTANE	106-97-8	1 - 5%
PROPANE	74-98-6	1 - 5%

*Impurities and stabilizing additives, which are themselves classified and which contribute to the classification of the chemical:*  
None

*Specific chemical identity and/or exact percentage (concentration) of composition has been withheld in accordance with a trade secret claim according to Appendix E 29 CFR 1910.1201.*

### SECTION 4 — FIRST-AID MEASURES

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

Continue rinsing.

IF ON SKIN: Wash with plenty of water.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

### SECTION 5 — FIRE-FIGHTING MEASURES

Suitable extinguishing media: Dry chemical, CO<sub>2</sub> or water spray.

Unsuitable extinguishing media Caution: Use of water spray when fighting fire may be inefficient.

This product is under pressure. Water spray may be used to cool cans in the vicinity of fire or excessive heat to prevent the explosion of the cans.

Hazardous combustion products: Thermal decomposition may release carbon monoxide and carbon dioxide.

#### **Explosion data**

Sensitivity to Mechanical Impact Contents under pressure, keep away from heat and open flame.

Sensitivity to Static Discharge Keep away from heat, sparks, flame, and other sources of ignition (i.e., pilot lights, electric motors and static electricity).

#### **Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Use extinguishing media consistent with governmental guidelines

### SECTION 6 — ACCIDENTAL RELEASE MEASURES

Contain spills and dispose according to local and federal regulations.

Observe the protection measures described in Section 8.

Avoid materials and products which are incompatible with the product as shown in Section 10.

Never dispose of this or any industrial cleaning product with residential waste.

See Section 13 for disposal methods.

### SECTION 7 — HANDLING AND STORAGE

**Storage:** Store in an original, tightly closed container in a secure area out of reach of children and domestic animals and away from sources of heat. Do not store food, beverages or tobacco products in the storage area. AEROSOL STORAGE LEVEL I (NFPA-30B)

**Handling:** Use proper personal protective equipment as indicated in Section 8. Avoid contact with eyes, skin or clothing. Avoid inhalation and use only in well-ventilated areas. Wash thoroughly with soap and water after handling.

### SECTION 8 — EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	OSHA PEL	ACGIH TLV
2-BUTOXYETHANOL	50 PPM (SKIN)	20 PPM (SKIN)
N-BUTANE	N/A	1000 PPM
PROPANE	1000 PPM	2500 PPM

**Eye Protection:** Conventional eyeglasses to guard against splashing.

**Hand Protection:** Household type gloves, if desired.

**Skin and Body Protection:** None required if used in a well-ventilated area.

**Hygiene Measures:** Do not eat drink or smoke where material is stored, handled or used. Wash hands thoroughly after handling and before eating or smoking.

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#### SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Clear liquid
<b>Odor:</b>	Perfumed
<b>pH:</b>	11
<b>Relative Density:</b>	1.05 (Water = 1.00)
<b>Melting point/freezing point:</b>	Not Available
<b>Solubility in Water:</b>	Complete at recommended dilutions.
<b>Flash Point:</b>	N/A
<b>Flammability:</b>	Not Flammable
<b>VOC content (%):</b>	8.8%

Vapor pressure, odor threshold, vapor density, initial boiling point, boiling range, evaporation rate, upper/lower flammability or explosive limits, auto-ignition temperature and viscosity are either not relevant to this type of material or not available.

**Note:** The above properties are typical values and are not to be construed as a guaranteed analysis for any specific lot or as specifications for the product.

#### SECTION 10 — STABILITY AND REACTIVITY

<b>Reactivity:</b>	Product will react with incompatible materials to generate heat
<b>Chemical Stability:</b>	Stable under ordinary conditions of use and storage
<b>Possibility of Hazardous Reactions:</b>	Product can generate heat if exposed to incompatibilities
<b>Hazardous Decomposition Products:</b>	Thermal decomposition may yield gases like carbon monoxide and carbon dioxide.
<b>Hazardous Polymerization:</b>	Will not occur
<b>Incompatibilities:</b>	Avoid heat, open flame and contact with strong oxidizers.
<b>Conditions to Avoid:</b>	Temperatures above 120 F
<b>Safety Issues That May Arise Should Product Change in Physical Appearance:</b>	Dispose of product immediately per Section 13 should it become discolored.

#### SECTION 11 — TOXICOLOGICAL INFORMATION

<b>Likely Routes of Exposure:</b>	Skin, inhalation, ingestion and eye contact
<b>Acute Toxicity:</b>	No information available on this product.
<b>Symptoms related to the physical, chemical and toxicological characteristics:</b>	Contact with product can cause eye irritation
<b>Skin corrosion/irritation</b>	May cause skin irritation after contact with skin. 2-Butoxyethanol penetrates skin readily. Frequent or wide spread contact may results on skin absorption of potentially harmful amounts.
<b>Delayed and immediate effects and also chronic effects from short- and long-term exposure:</b>	No effects expected other than those already noted in this document
<b>Numerical measures of toxicity:</b>	None known
<b>Carcinogenicity:</b>	Not known chronic effects based on available data. None of the ingredients present in excess of 0.1% are listed as carcinogenic by NTP, IARC or OSHA.

#### SECTION 12 — ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	This product may be toxic to aquatic life in high concentrations.
<b>Persistence and degradability:</b>	Majority of product quickly degrades to naturally occurring molecules. No detectable environmental persistence expected from regular use.
<b>Bioaccumulative potential:</b>	Will not bioaccumulate under normal use.
<b>Mobility in soil:</b>	No data available.

#### SECTION 13 — DISPOSAL CONSIDERATIONS

Dispose of in a manner consistent with federal, state, and local regulations.  
Use all material. Do not waste. Rinse product to drain after use; follow with plenty of water.

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#### SECTION 14 — TRANSPORT INFORMATION

**U.S. Department of Transportation (DOT) Classification:**

UN Number: 1950

Proper Shipping Name: Limited Quantity

Transport Hazard Class: 2.1

Packing Group: Aerosol Consumer Commodity

Environmental Hazards: No hazards other than as already noted in this document

**Canadian Transportation of Dangerous Goods(TDG) Regulations:**

Not intended for shipment under this jurisdiction.

**International Maritime Dangerous Goods(IMDG) Code:**

Identical to U.S. DOT above.

**International Air Transport Association(IATA) Dangerous Goods Regulations:**

Not intended for shipment under this jurisdiction.

#### SECTION 15 — REGULATORY INFORMATION

**Waste Classification:** If this product becomes a waste, it does not meet the criteria of a hazardous waste as defined under 40 CFR 261, in that it does not exhibit the characteristics of hazardous waste of Subpart C, nor is it listed as a hazardous waste under Subpart D.

#### SECTION 16 — OTHER INFORMATION

**Reason for Revision:** Changed to 29cfr1910-compliant format

**Prepared by:** Chemical Regulatory Department

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