

**1. Product and Company Identification**

**Product Code:** 05201  
**Product Name:** Certi Green Concentrated Glass Cleaner 60:1  
**Company Name:** Genlabs **Phone Number:**  
 5568 Schaefer Ave. 1 (909)591-8451  
 Chino, CA 91710  
**Web site address:** www.genlabscorp.com  
**Emergency Contact:** Chemtrec 1 (800)424-9300  
**Recommended Use:** Glass & Surface Cleaner  
**Intended Use:** For sale to, use and storage by service persons only.

**2. Hazards Identification**

**Flammable Liquids, Category 4**  
**Acute Toxicity: Oral, Category 4**  
**Skin Corrosion/Irritation, Category 3**  
**Serious Eye Damage/Eye Irritation, Category 2A**  
**Target Organ Systemic Toxicity (single exposure), Category 3**



**GHS Signal Word:** **Warning**  
**GHS Hazard Phrases:** Combustible liquid.  
 Harmful if swallowed.  
 Causes mild skin irritation.  
 Causes serious eye irritation.  
 May cause respiratory irritation.  
**GHS Precaution Phrases:** Wear protective gloves, protective clothing, eye protection, face protection.  
 Keep away from heat, sparks, open flames, or hot surfaces. No smoking.  
 Wash hands thoroughly after handling.  
 Keep out of reach of children.  
 Do not eat, drink or smoke when using this product.  
 Avoid breathing fumes and spray mist.  
 Use only outdoors or in a well-ventilated area.  
**GHS Response Phrases:** If swallowed: Call a Poison Center or doctor if you feel unwell.  
 Rinse mouth.  
 If skin irritation occurs, get medical attention immediately.  
 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 If eye irritation persists, get medical attention immediately.  
 If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
**GHS Storage and Disposal Phrases:** Store in cool/well-ventilated place.  
 Dispose of contents and container according to the local, city, state and federal regulations.  
 Store container tightly closed in well-ventilated place - if product is as volatile as to generate hazardous atmosphere.



# SAFETY DATA SHEET

## Certi Green Concentrated Glass Cleaner 60:1

Printed: 07/21/2015  
Revision: 05/01/2015  
Supersedes Revision: 06/02/2014

### Potential Health Effects (Acute and Chronic):

- Inhalation:** Causes respiratory tract irritation. May cause narcotic effects in high concentration. May be harmful if inhaled.
- Skin Contact:** Causes moderate skin irritation.
- Eye Contact:** Causes severe eye irritation. May cause painful sensitization to light. May cause chemical conjunctivitis and corneal damage.
- Ingestion:** May cause gastrointestinal irritation with nausea, vomiting and diarrhea.

### 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
64-17-5	Ethyl alcohol	Proprietary
151-21-3	Sodium lauryl sulfate	Proprietary
67-63-0	Isopropyl alcohol	Proprietary

### 4. First Aid Measures

#### Emergency and First Aid Procedures:

- In Case of Inhalation:** Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. Get medical aid.
- In Case of Skin Contact:** Wash off with soap and plenty of water. Consult a physician.
- In Case of Eye Contact:** Gently lift eyelids and flush continuously with water. Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
- In Case of Ingestion:** If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid. Rinse mouth with water. Consult a physician.
- Note to Physician:** Treat symptomatically and supportively.

### 5. Fire Fighting Measures

- Flash Pt:** > 150.00 F Method Used: Pensky-Marten Closed Cup
- Explosive Limits:** LEL: N.E. UEL: N.E.
- Autoignition Pt:** No data.
- Suitable Extinguishing Media:** Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam.
- Fire Fighting Instructions:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Vapors may form explosive mixtures with air. Vapors can travel to a source of ignition and flash back. Will burn if involved in a fire. Wear self contained breathing apparatus for fire fighting if necessary.
- Further information.  
Use water spray to cool unopened containers.
- Flammable Properties and Hazards:** No data available.

**6. Accidental Release Measures**

**Steps To Be Taken In Case Material Is Released Or Spilled:** Use proper personal protective equipment as indicated in Section 8. Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Remove all sources of ignition. Use a spark-proof tool. Provide ventilation. A vapor suppressing foam may be used to reduce vapors.

**7. Handling and Storage**

**Precautions To Be Taken in Handling:** Wash thoroughly after handling. Use only in a well-ventilated area. Ground and bond containers when transferring material. Use spark-proof tools and explosion proof equipment. Avoid contact with eyes, skin, and clothing. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Keep container tightly closed. Keep away from heat, sparks and flame. Avoid ingestion and inhalation. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames. Avoid contact with skin and eyes. Avoid formation of dust and aerosols.

**Precautions To Be Taken in Storing:** Keep away from heat, sparks and flame. Keep away from sources of ignition. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

**8. Exposure Controls/Personal Protection**

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
64-17-5	Ethyl alcohol	PEL: 1000 ppm	TLV: 1000 ppm	No data.
151-21-3	Sodium lauryl sulfate	No data.	No data.	No data.
67-63-0	Isopropyl alcohol	PEL: 400 ppm	TLV: 200 ppm STEL: 400 ppm	No data.

**Respiratory Equipment (Specify Type):** Always use a NIOSH approved respirator when necessary.

**Eye Protection:** Safety glasses.

**Protective Gloves:** Wear appropriate protective gloves to prevent skin exposure.

**Other Protective Clothing:** Wear appropriate protective clothing to minimize contact with skin.

**Engineering Controls (Ventilation etc.):** Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

**Work/Hygienic/Maintenance Practices:** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

**9. Physical and Chemical Properties**

<b>Physical States:</b>	[ ] Gas [ X ] Liquid [ ] Solid
<b>Appearance and Odor:</b>	Dark blue color liquid with alcohol fragrance.
<b>Melting Point:</b>	No data.
<b>Boiling Point:</b>	> 212.00 F
<b>Autoignition Pt:</b>	No data.
<b>Flash Pt:</b>	> 150.00 F Method Used: Pensky-Marten Closed Cup
<b>Explosive Limits:</b>	LEL: N.E. UEL: N.E.
<b>Specific Gravity (Water = 1):</b>	0.972
<b>Density:</b>	8.10 lbs/gal
<b>Vapor Pressure (vs. Air or mm Hg):</b>	NE
<b>Vapor Density (vs. Air = 1):</b>	NE
<b>Evaporation Rate:</b>	NE
<b>Solubility in Water:</b>	100%
<b>Saturated Vapor Concentration:</b>	NE
<b>Viscosity:</b>	NP
<b>pH:</b>	6 - 8
<b>Percent Volatile:</b>	No data.
<b>VOC / Volume:</b>	194.4000 G/L

**10. Stability and Reactivity**

<b>Stability:</b>	Unstable [ ] Stable [ X ]
<b>Conditions To Avoid - Instability:</b>	Incompatible materials, ignition sources, Excess heat, Heat, flames and sparks.
<b>Incompatibility - Materials To Avoid:</b>	Strong oxidizing agents, acids, Alkali metals, Ammonia, hydrazine, Peroxides, Sodium, Acid anhydrides, calcium hypochlorite, chromyl chloride, nitrosyl perchlorate, bromine pentafluoride, Perchloric acid, silver nitrate, mercuric nitrate, potassium tert-butoxide, magnesium perchlorate, Acid chlorides, platinum, uranium hexafluoride, silver oxide, iodine heptafluoride, acetyl bromide, disulfuryl difluoride, tetrachlorosilane + water, acetyl chloride, permanganic acid, ruthenium (VIII) oxide, uranyl perchlorate.
<b>Hazardous Decomposition Or Byproducts:</b>	Carbon monoxide, irritating and toxic fumes and gases, Carbon oxides, Sulphur oxides.
<b>Possibility of Hazardous Reactions:</b>	Will occur [ ] Will not occur [ X ]
<b>Conditions To Avoid - Hazardous Reactions:</b>	None.

**11. Toxicological Information**

**Toxicological Information:** No data available.

**Carcinogenicity/Other Information:** CAS# 64-17-5: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
64-17-5	Ethyl alcohol	n.a.	1	A4	n.a.
151-21-3	Sodium lauryl sulfate	n.a.	n.a.	n.a.	n.a.
67-63-0	Isopropyl alcohol	n.a.	3	A4	n.a.

**12. Ecological Information**

No data available.

**13. Disposal Considerations**

**Waste Disposal Method:** Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.  
 RCRA P-Series: None listed.  
 RCRA U-Series: None listed. Product.  
 Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

**14. Transport Information**

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:** NOT REGULATED FOR DOMESTIC TRANSPORT.

**DOT Hazard Class:**

**UN/NA Number:**

**15. Regulatory Information**

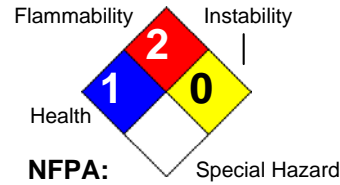
CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
64-17-5	Ethyl alcohol	CA PROP.65: No; CA TAC, Title 8: Title 8
151-21-3	Sodium lauryl sulfate	CA PROP.65: No; CA TAC, Title 8: No
67-63-0	Isopropyl alcohol	CA PROP.65: No; CA TAC, Title 8: TAC, Title 8

### 16. Other Information

Hazard Rating System:

HEALTH	1
FLAMMABILITY	2
PHYSICAL	0
PPE	B

HMIS:



Revision Date:

05/01/2015

Additional Information About This Product: No data available.

This Product:

Company Policy or

Disclaimer:

The manufacturer believes the data set forth are accurate and makes no warranty with respects thereto and disclaims all liability for reliance thereon. Such data are offered solely for consideration, investigation and verification. Also, the data set forth is for the concentrated finished product. All lab samples are for experimental purposes only and used at the customers discretion.