

# SAFETY DATA SHEET

## Five Star Glass Cleaner

Page: 1  
Printed: 07/06/2015  
Revision: 04/30/2015  
Supersedes Revision: 06/02/2014

### 1. Product and Company Identification

**Product Code:** 894157001078  
**Product Name:** Five Star Glass Cleaner  
**Company Name:** Fred's Fine Cleaning Center  
31320 Via Colinas #105  
Westlake Village, CA 91362

**Emergency Contact:** infotrac (800)535-5053  
**Information:** fred@fredscleaning.com (818)706-3733

**Recommended Use:** Glass & Surface Cleaner  
**Intended Use:** For sale to, use and storage by service persons only.  
**Additional Information:** 894157001085

### 2. Hazards Identification

#### Serious Eye Damage/Eye Irritation, Category 2B

**GHS Signal Word:** **Warning**  
**GHS Hazard Phrases:** Causes eye irritation.  
**GHS Precaution Phrases:** Wash hands thoroughly after handling.  
Keep out of reach of children.  
**GHS Response Phrases:** If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Immediately call a POISON CENTER or doctor/physician.  
**GHS Storage and Disposal Phrases:** Store in cool dry place at room temperature away from direct sunlight.  
Dispose of contents and container according to the local, city, state and federal regulations.

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

**Inhalation:** Not expected to be a problem.  
**Skin Contact:** Not expected to be a problem.  
**Eye Contact:** Causes eye irritation.  
**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

# SAFETY DATA SHEET

## Five Star Glass Cleaner

Page: 2  
Printed: 07/06/2015  
Revision: 04/30/2015  
Supersedes Revision: 06/02/2014

### 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.
- In Case of Eye Contact:** 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.
- Flammable Properties and Hazards:** No data available.

### 6. Accidental Release Measures

- Steps To Be Taken In Case Material Is Released Or Spilled:** Flush area with flooding quantities of water.

### 7. Handling and Storage

- Precautions To Be Taken in Handling:** Wash thoroughly after handling. Avoid contact with eyes. Do not ingest or inhale.
- Precautions To Be Taken in Storing:** Keep container tightly closed in a dry and well-ventilated place.

### 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.
<b>Respiratory Equipment (Specify Type):</b>	None.			
<b>Eye Protection:</b>	Safety glasses.			
<b>Protective Gloves:</b>	Rubber gloves.			
<b>Other Protective Clothing:</b>	None.			
<b>Engineering Controls (Ventilation etc.):</b>	Good general ventilation should be sufficient to control airborne levels.			
<b>Work/Hygienic/Maintenance Practices:</b>	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.			

# SAFETY DATA SHEET

## Five Star Glass Cleaner

Page: 3  
Printed: 07/06/2015  
Revision: 04/30/2015  
Supersedes Revision: 06/02/2014

### 9. Physical and Chemical Properties

<b>Physical States:</b>	[ ] Gas [ X ] Liquid [ ] Solid
<b>Appearance and Odor:</b>	Blue Color Liquid with Citrus and 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>	0.988
<b>Density:</b>	8.20 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>	< 5.0000 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.

# SAFETY DATA SHEET

## Five Star Glass Cleaner

Page: 4  
Printed: 07/06/2015  
Revision: 04/30/2015  
Supersedes Revision: 06/02/2014

### 11. Toxicological Information

**Toxicological Information:** No data available.

CAS# 64-17-5:

**Carcinogenicity/Other Information:**

Open irritation test., Skin, Species: Rabbit, 400.0 MG.

Results:

Kidney, Ureter, Bladder: Changes in tubules (including acute renal failure, acute tubular necrosis).

- Union Carbide Data Sheet, Union Carbide Corp., 39 Old Ridgebury Rd., Danbury, CT 06817, Vol/p/yr: 7/22, 1970

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.

### 12. Ecological Information

**General Ecological Information:**

Environmental: When released to the atmosphere it will photodegrade in hours (polluted urban atmosphere) to an estimated range of 4 to 6 days in less polluted areas. Rainout should be significant.

Physical: No information available.

Elimination information (persistence and degradability)

Bioaccumulation Cyprinus carpio (Carp) - 72 h.

**Results of PBT and vPvB assessment:**

CAS# 64-17-5:

LC50, Asiatic Clam (*Corbicula manilensis*), 60000. MG/L, 96 H, Mortality, Water temperature: 16.00 C C, Hardness: 26.00 MG/L.

Results:

No observed effect.

- Toxicity of Fishery Chemicals to the Asiatic Clam, *Corbicula manilensis*, Chandler, J.H., Jr., and L.L. Marking, 1979

### 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.

# SAFETY DATA SHEET

## Five Star Glass Cleaner

Page: 5  
Printed: 07/06/2015  
Revision: 04/30/2015  
Supersedes Revision: 06/02/2014

### 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

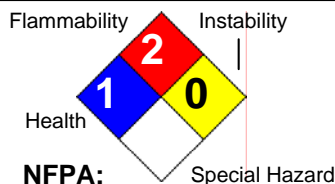
CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
64-17-5	Ethyl alcohol	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: Title 8
151-21-3	Sodium lauryl sulfate	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No

### 16. Other Information

#### Hazard Rating System:

HEALTH	1
FLAMMABILITY	2
PHYSICAL	0
PPE	B

HMIS:



#### Revision Date:

04/30/2015

**Additional Information About** 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.