

SAFETY DATA SHEET

Crystal Clear Glass Cleaner

Page: 1
Printed: 09/24/2015
Revision: 02/24/2015
Supersedes Revision: 10/23/2013

1. Product and Company Identification

Product Code: 0-CRY04
Product Name: Crystal Clear Glass Cleaner
Company Name: Star Maintenance
5430 Rosemead Blvd.
San Gabriel, CA 91776

Emergency Contact: Chemtrec (800)424-9300
Information: www.starmaintenancesupply.com (626)268-1222

Recommended Use: Glass & Surface Cleaner
Intended Use: For sale to, use and storage by service persons only.
Additional Information: 0-CRY12

2. Hazards Identification

Acute Toxicity: Oral, Category 4
Serious Eye Damage/Eye Irritation, Category 2A



GHS Signal Word: **Warning**

GHS Hazard Phrases: Harmful if swallowed.
Causes serious eye irritation.

GHS Precaution Phrases: Wash hands thoroughly after handling.
Keep out of reach of children.

GHS Response Phrases: If swallowed: Call a Poison Center or doctor if you feel unwell.
Rinse mouth.
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.

GHS Storage and Disposal Phrases: Dispose of contents and container according to the local, city, state and federal regulations.
Store in cool dry place at room temperature away from direct sunlight.

Potential Health Effects (Acute and Chronic): Prolonged or repeated skin contact may cause defatting and dermatitis.
May cause liver and kidney damage.

Inhalation: Not expected to be a problem.

Skin Contact: Not expected to be a problem.

Eye Contact: Produces irritation, characterized by a burning sensation, redness, tearing, inflammation, and possible corneal injury. Avoid any eye contact.

Ingestion: Causes gastrointestinal irritation with nausea, vomiting and diarrhea.

SAFETY DATA SHEET

Crystal Clear Glass Cleaner

Page: 2
Printed: 09/24/2015
Revision: 02/24/2015
Supersedes Revision: 10/23/2013

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
67-63-0	Isopropyl alcohol	Proprietary
111-76-2	Ethanol, 2-Butoxy-	Proprietary

4. First Aid Measures

Emergency and First Aid

Procedures:

In Case of Inhalation:	Not expected to be a problem.
In Case of Skin Contact:	Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. If irritation develops, get medical aid.
In Case of Eye Contact:	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If irritation develops, get medical aid.
In Case of Ingestion:	Never give anything by mouth to an unconscious person. If vomiting occurs naturally, have victim lean forward. Drink large amounts of water. Call physician.
Note to Physician:	Treat symptomatically and supportively.

5. Fire Fighting Measures

Flash Pt:	No data.
Explosive Limits:	LEL: N.E. UEL: N.E.
Autoignition Pt:	No data.
Suitable Extinguishing Media:	CO2, dry foam, water.
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:	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.
---	--

7. Handling and Storage

Precautions To Be Taken in Handling:	Wash thoroughly after handling.
Precautions To Be Taken in Storing:	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
67-63-0	Isopropyl alcohol	PEL: 400 ppm	TLV: 200 ppm STEL: 400 ppm	No data.
111-76-2	Ethanol, 2-Butoxy-	PEL: 50 ppm	TLV: 20 ppm	No data.

SAFETY DATA SHEET

Crystal Clear Glass Cleaner

Page: 3

Printed: 09/24/2015

Revision: 02/24/2015

Supersedes Revision: 10/23/2013

Respiratory Equipment (Specify Type): No special requirements under normal use conditions.

Eye Protection: No special requirements under normal use conditions.

Protective Gloves: No special requirements under normal use conditions.

Other Protective Clothing: No special requirements under normal use conditions.

Engineering Controls (Ventilation etc.): No special ventilation requirements.

9. Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid

Appearance and Odor: Blue color liquid with solvent odor.

Melting Point: No data.

Boiling Point: > 212.00 F

Autoignition Pt: No data.

Flash Pt: No data.

Explosive Limits: LEL: N.E. UEL: N.E.

Specific Gravity (Water = 1): 0.992

Density: 8.27 lbs/gal

Vapor Pressure (vs. Air or mm Hg): NE

Vapor Density (vs. Air = 1): NE

Evaporation Rate: NE

Solubility in Water: 100%

Saturated Vapor Concentration: NE

Viscosity: NP

pH: 6 - 8

Percent Volatile: No data.

VOC / Volume: 29.7000 GL

10. Stability and Reactivity

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability: Light, ignition sources, Excess heat, Incompatible materials.

Incompatibility - Materials To Avoid: Strong oxidizers, open flame, heat and sparks.

Hazardous Decomposition Or Byproducts: CO, CO2.

Possibility of Hazardous Reactions: Will occur [] Will not occur [X]

Conditions To Avoid - Hazardous Reactions: None.

SAFETY DATA SHEET

Crystal Clear Glass Cleaner

Page: 4
Printed: 09/24/2015
Revision: 02/24/2015
Supersedes Revision: 10/23/2013

11. Toxicological Information

Toxicological Information: No data available.

**Carcinogenicity/Other
Information:**

CAS# 111-76-2:

Acute toxicity, LD50, Oral, Rat, 470.0 MG/KG.

Results:

Behavioral: Somnolence (general depressed activity).

Behavioral: Muscle weakness.

- Dow Chemical Company Reports., Dow Chemical USA, Health and Environment
Research, Toxicology Research Lab, Midland, MI 48640, Vol/p/yr: MSD-46,

Acute toxicity, LC50, Inhalation, Rat, 450.0 PPM, 4 H.

Results:

Behavioral: Ataxia.

Nutritional and Gross Metabolic: Weight loss or decreased weight gain.

- Toxicology and Applied Pharmacology, Academic Press, Inc., 1 E. First St., Duluth, MN
55802, Vol/p/yr: 68,405, 1983

CAS# 67-63-0: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 111-76-2:

ACGIH: A3 - Confirmed animal carcinogen with unknown relevance to humans.

California: Not listed.

NTP: Not listed.

IARC: Not listed.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
67-63-0	Isopropyl alcohol	n.a.	3	A4	n.a.
111-76-2	Ethanol, 2-Butoxy-	n.a.	3	A3	n.a.

12. Ecological Information

No data available.

**Results of PBT and vPvB
assessment:**

CAS# 111-76-2:

LC50, Brine Shrimp (*Artemia salina*), nauplii, 1000000. UG/L, 24 H, Mortality, Water
temperature: 24.00 C C.

Results:

Morphological changes.

- Brine Shrimp Bioassay and Seawater BOD of Petrochemicals, Price, K.S., G.T. Waggy,
and R.A. Conway, 1974

13. Disposal Considerations

Waste Disposal Method: Dispose of contents and container according to the local, city, state and federal
regulations.

SAFETY DATA SHEET

Crystal Clear Glass Cleaner

Page: 5
Printed: 09/24/2015
Revision: 02/24/2015
Supersedes Revision: 10/23/2013

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not regulated as a hazardous material.

DOT Hazard Class:

UN/NA Number:

15. Regulatory Information

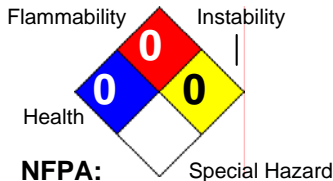
CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
67-63-0	Isopropyl alcohol	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 4 Test; CA PROP.65: No; CA TAC, Title 8: TAC, Title 8
111-76-2	Ethanol, 2-Butoxy-	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: TAC, Title 8

16. Other Information

Hazard Rating System:

HEALTH	0
FLAMMABILITY	0
PHYSICAL	0
PPE	A

HMIS:



Revision Date: 02/24/2015

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.