

SAFETY DATA SHEET
CONCENTRATED GLASS CLEANER

Page: 1 of 6
Printed: 12/08/2015
Revision: 12/07/2015

1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: HEATEC-001-BULK
Product Name: CONCENTRATED GLASS CLEANER
Company Name: Health Technology Professional Products, Inc.
11614 Sterling Ave.
Unite 101
Riverside, CA 92503
Phone Number: +1 (800)424-7536
+1 (800)424-9300
Emergency Contact: CHEMTREC

2. HAZARDS IDENTIFICATION

Flammable Liquids, Category 4
Serious Eye Damage/Eye Irritation, Category 2A
Acute Toxicity: Oral, Category 4
Skin Corrosion/Irritation, Category 2



GHS Signal Word: **Warning**

GHS Hazard Phrases: H227 - Combustible liquid.
H319 - Causes serious eye irritation.
H302 - Harmful if swallowed.
H315 - Causes skin irritation.

GHS Precaution Phrases: P102 - Keep out of reach of children.
P103 - Read label before use.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P264 - Wash hands thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P362+364 - Take off contaminated clothing and wash it before reuse.

GHS Response Phrases: P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P315 - Get immediate medical advice/attention.
P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P315 - Get immediate medical advice/attention.
P302+352 - IF ON SKIN: Wash with plenty of soap and water.
P332+313 - If skin irritation occurs, get medical advice/attention.

GHS Storage and Disposal Phrases: P403+235 - Store in cool/well-ventilated place.
P501 - Dispose of contents/container in accordance to local, state and federal regulations.

Potential Health Effects (Acute and Chronic):

Skin Contact: May cause skin irritation. Repeated or prolonged exposure may cause drying of the skin.

Eye Contact: May cause eye irritation. May cause burning of eyes and flow of tears.

Ingestion: Harmful if swallowed. May cause gastrointestinal irritation.

SAFETY DATA SHEET

CONCENTRATED GLASS CLEANER

Page: 2 of 6
Printed: 12/08/2015
Revision: 12/07/2015

3. COMPOSITION/INFORMATION ON INGREDIENTS

| CAS # | Hazardous Components (Chemical Name) | Concentration |
|------------|--------------------------------------|---------------|
| 67-63-0 | Isopropyl Alcohol | < 5.0 % |
| 34590-94-8 | Dipropylene Glycol Monomethyl Ether | < 6.0 % |
| NA | Surfactant | < 5.0 % |

4. FIRST AID MEASURES

Emergency and First Aid Procedures:

- In Case of Inhalation:** Remove from exposure and move to fresh air immediately. Get medical aid if irritation or symptoms occur.
- In Case of Skin Contact:** Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Remove contaminated clothing and shoes. Wash clothing before reuse.
If skin irritation occurs, get medical advice/attention.
- In Case of Eye Contact:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical aid.
- In Case of Ingestion:** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. If victim is conscious and alert, give 2-4 cupfuls of water. Get medical attention immediately.
- Note to Physician:** Treat symptomatically and supportively. Show this safety data sheet to the doctor in attendance.

5. FIRE FIGHTING MEASURES

- Flash Pt:** < 100.00 F
- Explosive Limits:** LEL: No data. UEL: No data.
- Autoignition Pt:** No data.
- Suitable Extinguishing Media:** Use water spray, dry chemical, carbon dioxide, or appropriate foam.
- Unsuitable Extinguishing Media:** Do NOT use straight streams of 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. Use water spray to keep fire-exposed containers cool. May form explosive peroxides. Vapors are heavier than air and may travel to a source of ignition and flash back. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.
- Flammable Properties and Hazards:** High temperatures and fires may produce toxic: carbon monoxide, carbon dioxide, oxides of phosphorus.
- Hazardous Combustion Products:** No data available.

SAFETY DATA SHEET

CONCENTRATED GLASS CLEANER

Page: 3 of 6
Printed: 12/08/2015
Revision: 12/07/2015

6. ACCIDENTAL RELEASE MEASURES

Protective Precautions, Protective Equipment and Emergency Procedures: Use proper personal protective equipment as indicated in Section 8.

Environmental Precautions: Observe all federal, state, and local environmental regulations.

Steps To Be Taken In Case Material Is Released Or Spilled: Spills/Leaks: Provide ventilation. Remove all sources of ignition. 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: Do not get in eyes, on skin or clothing. Do not ingest or inhale. Use with adequate ventilation.

Precautions To Be Taken in Storing: Do not store in direct sunlight. Store in a tightly closed container. Protect containers against damage. Keep container closed when not in use. Keep container tightly closed in a dry and well-ventilated place.

Other Precautions: Handle in accordance with good industrial hygiene and safety practice. Keep out of reach of children.

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. |
| 34590-94-8 | Dipropylene Glycol Monomethyl Ether | PEL: 100 ppm | TLV: 100 ppm STEL: 150 ppm | No data. |
| NA | Surfactant | No data. | No data. | No data. |

Respiratory Equipment (Specify Type): Respiratory protection is not required under normal use.

Eye Protection: Safety glasses with side shields.

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

Other Protective Clothing: No data available.

Engineering Controls (Ventilation etc.): Use adequate ventilation to keep airborne concentrations low.

9. PHYSICAL AND CHEMICAL PROPERTIES

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

Appearance and Odor: Clear. Dark. Blue.
lavendar/bergamot.

pH: 9.40

Melting Point: NA

Boiling Point: NA

Flash Pt: < 100.00 F

Evaporation Rate: NA

Flammability (solid, gas): No data available.

Explosive Limits: LEL: No data. UEL: No data.

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

Vapor Density (vs. Air = 1): NA

SAFETY DATA SHEET

CONCENTRATED GLASS CLEANER

Page: 4 of 6

Printed: 12/08/2015

Revision: 12/07/2015

Specific Gravity (Water = 1): 1.00
Solubility in Water: No data.
Saturated Vapor Concentration: NA
Octanol/Water Partition Coefficient: No data.
Autoignition Pt: No data.
Decomposition Temperature: No data.
Viscosity: NA

10. STABILITY AND REACTIVITY

Stability: Unstable [] Stable [X]

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

Incompatibility - Materials To Avoid: Strong oxidizing agents, Strong acids, Strong bases, Amines, ammonia, ethylene oxide, isocyanates, acetaldehyde, chlorine.

Hazardous Decomposition or Byproducts: High temperatures and fires may produce toxic: carbon monoxide, carbon dioxide.

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

Conditions To Avoid - Hazardous Reactions: No data available.

11. TOXICOLOGICAL INFORMATION

Toxicological Information: Epidemiology: No information available.
Teratogenicity: No information available.
Reproductive Effects: No data available.
Mutagenicity: No information available.
Neurotoxicity: No data available.

Irritation or Corrosion: Other Studies: CAS# 34590-94-8:
Acute toxicity, LD50, Oral, Rat, 5400 ul/kg
Acute toxicity, LD50, Skin, Rabbit, 10 ml/kg

Other Studies: CAS# 34590-94-8:
Standard Draize Test, Eyes, Species: Rabbit, 500 mg, 24H

Other Studies: CAS# 67-63-0:
Acute toxicity, LD50, Oral, Rat, 5045 mg/kg

Other Studies: CAS# 67-63-0:
Standard Draize Test, Skin, Species: Rabbit, 500 mg
Standard Draize Test, Eyes, Species: Rabbit, 100 mg, 24H

Carcinogenicity/Other Information: IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

SAFETY DATA SHEET

CONCENTRATED GLASS CLEANER

Page: 5 of 6
Printed: 12/08/2015
Revision: 12/07/2015

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

| Carcinogenicity: | | NTP? No | IARC Monographs? No | OSHA Regulated? No | | |
|------------------|--------------------------------------|---------|---------------------|--------------------|------|--|
| CAS # | Hazardous Components (Chemical Name) | NTP | IARC | ACGIH | OSHA | |
| 67-63-0 | Isopropyl Alcohol | n.a. | 3 | A4 | n.a. | |
| 34590-94-8 | Dipropylene Glycol Monomethyl Ether | n.a. | n.a. | n.a. | n.a. | |
| NA | Surfactant | n.a. | n.a. | n.a. | n.a. | |

12. ECOLOGICAL INFORMATION

General Ecological Information: Environmental: No information available.
Physical: No information found.

Results of PBT and vPvB assessment: Other Studies: CAS# 67-63-0:
LC50, Water Flea (Daphnia magna), 10000 mg/L, 24H, Intoxication
LC50, Fathead Minnow (Pimephales promelas), 6550000 ug/L, 96H, Mortality

Persistence and Degradability: No information available.
Bioaccumulative Potential: No information available.
Mobility in Soil: No information 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. Observe all Federal, State, and local 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 as a hazardous material.

DOT Hazard Class:

UN/NA Number:

15. REGULATORY INFORMATION

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

| CAS # | Hazardous Components (Chemical Name) | S. 302 (EHS) | S. 304 RQ | S. 313 (TRI) |
|------------|--------------------------------------|--------------|-----------|--------------|
| 67-63-0 | Isopropyl Alcohol | No | No | Yes |
| 34590-94-8 | Dipropylene Glycol Monomethyl Ether | No | No | No |
| NA | Surfactant | No | No | No |

SAFETY DATA SHEET

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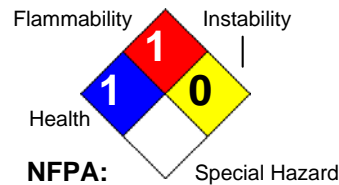
Page: 6 of 6
Printed: 12/08/2015
Revision: 12/07/2015

| CAS # | Hazardous Components (Chemical Name) | Other US EPA or State Lists |
|------------|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 67-63-0 | Isopropyl Alcohol | TSCA: Yes - Inventory, 4 Test; CA PROP.65: No; CA TAC, Title 8: TAC, Title 8; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: Yes - 1076; NY Part 597: No; PA HSL: Yes - E |
| 34590-94-8 | Dipropylene Glycol Monomethyl Ether | TSCA: Yes - Inventory, 4 Test, 8A PAIR; CA PROP.65: No; CA TAC, Title 8: Title 8; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: Yes - 0804; NY Part 597: No; PA HSL: Yes - 1 |
| NA | Surfactant | TSCA: No; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: No; NY Part 597: No; PA HSL: No |

16. OTHER INFORMATION

Revision Date: 12/07/2015

Hazard Rating System:



Additional Information About No data available.

This Product:

Company Policy or

Disclaimer:

While Health Technology Professional Products, Inc. believes the statements set forth herein are accurate as of the date hereof, Health Technology Professional Products, Inc. makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon. Such data is offered solely for your consideration, investigation, and verification.