

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupation Safety and Health Administration
(Non-Mandatory Form)
Form Approved OMB No. 1218-0072

IDENTITY

CLEAR VIEW GLASS CLEANER (GT) (120070)

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available; the space must be marked to indicate that.

Section I

Manufactured for:

Beaver Research Company

Emergency Telephone Number

1-800-255-3924 (Chem-Tel)

Address (Number, Street, City, State, and ZIP Code)

3700 E. Kilgore Road, Portage, MI 49002

Telephone Number For Information

269-382-0133

HMIS RATINGS:

0-Minimal 3-Serious

1-Slight 4-Severe

2-Moderate

Health: 1

Flammability: 0

Reactivity: 0

Personal Protection: None

Date Prepared

05/01/02

Signature of Preparer (optional)

Section II – Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))

CAS No.

OSHA PEL

ACGIH TLV

Other Limits Recommended

% (optional)

Isopropanol

67-63-0

400 ppm

400 ppm

5 - 10

Isobutane

75-28-5

800 ppm

800 ppm

1 - 5

Propane

74-98-6

1000 ppm

Asphyxiant

0.5-1.5

None of the compounds in this product are listed or present in concentrations requiring reporting under SARA Title III, Sec. 313

Section III – Physical/Chemical Characteristics

Boiling Point

180°F

Specific Gravity (H₂O = 1)
Concentrate

0.98

Vapor Pressure (psig @ 70°F)

50 ± 5

Melting Point

No Data

Vapor Density (AIR = 1)

>1.0

Evaporation Rate
(Butyl Acetate = 1)

No Data

Solubility in Water

Complete

pH
9.0 ± 0.5

Total VOC
12%

Appearance and Odor

Clear colorless liquid with an alcohol, floral scent. Wet foam from aerosol.

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used)

Non-flammable.

Flammable Limits

N/A

LEL

N/A

UEL

N/A

Extinguishing Media

If necessary, use carbon dioxide, dry chemical, foam, fog, water spray or agent appropriate for fuel source.

Special Fire Fighting Procedures

Use water spray to keep containers cool and vapors down. Do not allow runoff to enter sewers or public watercourses.

Wear self-contained breathing apparatus in chemical fires.

Unusual Fire and Explosion Hazards

Aerosol container (pressurized) may burst if heated over 120°F.

Section V – Reactivity Data

Stability

Unstable

Stable

X

Conditions to Avoid

Extreme heat, direct sunlight.

Incompatibility (Materials to Avoid)

Anhydrides, isocyanate, acetylaldehyde, chlorine, ethylene oxide, hydrogen peroxide, aluminum, oxidizers, strong alkalis and organometallic contaminants.

Hazardous Decomposition or Byproducts

Carbon monoxide, carbon dioxide, hydrogen and nitrogen.

Hazardous

May Occur

Will Not Occur

X

Conditions to

None known.

Polymerization

Section VI – Health Hazard Data

Route(s) of Entry:	Inhalation? Yes	Skin? Yes	Ingestion? No
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Health Hazards (Acute and Chronic)

Warning: Causes eye irritation. May cause skin irritation. Product may be absorbed through intact skin. May be harmful if inhaled. CNS effects. Contents under pressure. Use good chemical hygiene practices to avoid these hazards.

Carcinogenicity: None known.	NTP? No	IARC Monographs? No	OSHA Regulated? No
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Signs and Symptoms of Exposure

Redness, tearing and burning in eyes. Redness, drying, cracking of skin. Drowsiness, dizziness, loss of coordination, (CNS effects).

Medical Conditions Generally Aggravated by Exposure

Pre-existing skin and lung disorders may be aggravated by prolonged or repeated occupational overexposure.

Emergency and First Aid Procedure

Eyes: Flush with plenty of water for at least 15 minutes, lifting eyelids to insure complete removal. Get immediate medical attention. **Ingestion:** If conscious, drink plenty of water. Call a physician or poison control center immediately. Do not induce vomiting unless directed by a physician. **Inhalation:** Remove to fresh air. If breathing has stopped, qualified personnel should administer artificial respiration. **Skin:** Wash with soap and water. If irritation arises and persists, call a physician.

Section VII – Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled

Isolate traffic and ventilate area. Eliminate all ignition sources. Wear protective gear as necessary. Dike to prevent spread. Vacuum or pick up on absorbent. Put in a suitable container.

Waste Disposal Method

Consult local, state and federal regulations. Do not puncture or incinerate container. Replace cap on empty can, wrap, then discard container if allowed by applicable statutes.

Precautions to be Taken in Handling and Storage

Avoid contact with eyes, skin and clothing. Store in a cool (under 120°F) dry location away from heat, sparks, open flame and direct sunlight. Direct spray away from face. Replace cap when not in use.

Other Precautions

Follow label directions carefully. Keep out of reach of children. Do not deliberately concentrate and inhale vapors. Do not use around ignition sources such as heat, sparks, open flame, etc. Avoid inhaling mist and vapors.

Section VIII – Control Measures

Respiratory Protection (Specify Type)

Not usually necessary. Use with adequate ventilation. If PELs or TLVs are exceeded (see Section II), use an approved NIOSH/MSHA respirator.

Ventilation	Local Exhaust	Acceptable	Special	None.
	Mechanical (General)	Yes	Other	None.

Protective Gloves

Not usually necessary. Use if contact with skin is possible.

Eye Protection

Yes, approved safety glasses or goggles. (ANSI Z87)

Other Protective Clothing or Equipment

Not usually necessary. If direct contact is possible, use apron, boots, etc.

Work/Hygienic Practices

Observe good personal hygiene. Wash thoroughly before eating, drinking, smoking, using restroom, etc.

While the information and recommendations set forth herein are believed to be accurate as of the date hereon, Beaver Research Company makes no warranty with respect thereto and disclaims all liability from reliance thereon.