

# 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

**SQUEEKY GLASS CLEANER (120445)**

*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

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

3700 E. Kilgore Road, Portage, MI 49002

HMIS RATINGS:

Health: 1 (Slight)  
Flammability: 2 (Moderate)  
Reactivity: 0 (Minimal)  
Protection: B (Goggles & Gloves)

Emergency Telephone Number

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

Telephone Number For Information

269-382-0133

Date Prepared

1/20/99

Signature of Preparer (optional)

## Section II - Hazardous Ingredients/Identity Information

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

CAS No.

TLV

Carcinogen  
(OSHA,TP,IARC)

%  
(optional)

Isopropanol

67-63-0

400ppm

no

<5%

2-butoxyethanol

111-76-2

STEL 500ppm

no

<3%

Reportable for SARA Title III, S.313 (Form R): 2-butoxyethanol

## Section III - Physical/Chemical Characteristics

Boiling Point

<212°F

Specific Gravity (H<sub>2</sub>O = 1)

0.99

Vapor Pressure (mm Hg)

N/A

Melting Point

N/A

Viscosity, Cp @ 25°C

A-5 Gardner

Evaporation Rate  
(Butyl Acetate = 1)

N/A

Solubility in Water

pH

10.5-11.5

Complete

Total VOC

4%

Appearance and Odor

Clear blue liquid with alcohol/ammonia odor.

## Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)

121°F Cl.Cp.

Flammable Limits

N/A

LEL

N/A

UEL

N/A

Extinguishing Media

Water fog, foam, alcohol foam, CO<sub>2</sub>, dry chemical.

Special Fire Fighting Procedures

Treat as a combustible liquid. NOTE: This product is Combustible under OSHA criteria, but is not regulated by DOT since it contains less than 24% alcohol and over 50% water, and the other ingredients do not constitute a DOT hazard: see (CFR 173.115(b)(2)(i) and (ii).

Unusual Fire and Explosion Hazards

N/A

## Section V - Reactivity Data

Stability

Unstable

Conditions to  
Avoid

N/A

Stable

X

Incompatibility (Materials to Avoid)

None known.

Hazardous Decomposition or Byproducts

If in a fire, CO, CO<sub>2</sub>, hydrocarbons.

Hazardous

May Occur

Conditions to  
Avoid

N/A

Polymerization

Will Not Occur

X

**Section VI - Health Hazard Data**

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	No	Yes	No

Health Hazards (Acute and Chronic)

**Inhalation:** Breathing of vapors may cause dizziness and shortness of breath. **Skin:** Extended contact may cause irritation or defatting. Prolonged contact with 2-butoxyethanol may result in the absorption of potentially harmful amounts leading to possible liver and kidney damage. **Eyes:** Can cause irritation. **Ingestion:** May cause a mild gastric disturbance.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	N/A	N/A	N/A

Signs and Symptoms of Exposure

See above "Health Hazards".

Medical Conditions Generally Aggravated by Exposure

None.

Emergency and First Aid Procedure

**Inhalation:** Remove to fresh air. **Skin:** Flush skin thoroughly with water for 15 minutes. **Eyes:** Flush immediately with water for 15 minutes. Get prompt medical attention if needed. **Ingestion:** Drink lots of water. Do not induce vomiting. Get medical attention if effects persist.

**Section VII - Precautions for Safe Handling and Use**

Steps to be Taken in Case Material is Released or Spilled

Small spills can be flushed into normal drainage or into ground with copious amounts of water, or taken up with absorbent material. Larger spills should be contained by diking or other methods and held for disposal or reuse. Remove all sources of ignition. Provide strong ventilation.

Waste Disposal Method

Collect in closed containers and send to a licensed treatment or disposal facility.

Precautions to be Taken in Handling and Storage

Check daily for any leaks from containers, vessels, pumps, and piping. Keep away from sources of ignition. Keep at temperatures below 95°F. Empty Containers: Rinse well before handling and disposal. Observe label precautions. Do not cut, weld or burn.

Other Precautions

None.

**Section VIII - Control Measures**

Respiratory Protection (Specify Type)

Wear approved vapor respirator if needed.

Ventilation	Local Exhaust	N/A	Special	N/A
	Mechanical(General)	Strong	Other	N/A

Protective Gloves

Wear protective gloves if needed.

Eye Protection

Wear goggles as needed.

Other Protective Clothing or Equipment

N/A

Work/Hygienic Practices

Remove contaminated clothing and wash if necessary before reuse.

*The information herein has been compiled from sources believed to be reliable and is accurate to the best of our knowledge. However, Beaver Research Company cannot give any guarantees regarding information from other sources, and expressly does not make any warranties, nor assumes any liability, for its use.*