

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 BRITE BLUE (130045)	<i>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.</i>
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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 1-800-544-0133
HMIS RATING: (Based on Aerosol Concentrate): 0-Minimal; 1-Slight; 2-Moderate; 3-Serious; 4-Extreme HEALTH 2 REACTIVITY 0 FLAMMABILITY...0 PERSONAL PROTECTION: B	Date Prepared 07/03/99 Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	CAS No.	OSHA PEL	TWA- TLV	STEL- TLV	% (optional)
Water	7732-18-5				to100
Hydrogen Chloride	7647-01-0	C5ppm	C5ppm		9.0
Nonionic Surfactant	26027-38-3				0to5
Perfume Oils	119-36-8				0to5
Acrylic Emulsion	N/A				0to5
Dye	N/A				0to5
Quaternary Ammonium Chloride Compound	68424-95-3				0.05

Section III - Physical/Chemical Characteristics

Boiling Point	214°F initial	Specific Gravity (H2O = 1)	1.04
Vapor Pressure (mm Hg) @68°F	25	% Volatile	95+
Vapor Density (AIR = 1)	>1	Evaporation Rate (Butyl Acetate = 1)	<1
Solubility in Water 100%	pH: <1.5	Total VOC: 0	
Appearance and Odor Thin milky blue liquid with pleasant odor.			

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) N/A	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media N/A			
Special Fire Fighting Procedures Not flammable.			
Unusual Fire and Explosion Hazards N/A			

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid	None
	Stable	X		
Incompatibility (Materials to Avoid) Strong alkalis, most metals, bleach.				
Hazardous Decomposition or Byproducts Hydrogen or chlorine gas.				
Hazardous	May Occur		Conditions to Avoid	None
Polymerization	Will Not Occur	X		

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	Yes	Yes	Yes

Health Hazards (Acute and Chronic)

Skin: Skin irritant. Prolonged or repeated exposure can cause dermatitis.
Eyes: Severe eye irritant. Liquid and mists can cause tearing, possible swelling of the conjunctiva, and corneal injury.
Inhalation: May be irritating to mucous membranes of the nose, throat, and lungs.
Ingestion: May be irritating or corrosive to the mouth, throat, and upper gastrointestinal tract. Large doses can cause vomiting.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
N/A	No	No	No

Signs and Symptoms of Exposure

N/A

Medical Conditions Generally Aggravated by Exposure

N/A

Emergency and First Aid Procedure

Skin: Remove contaminated clothing. Flush exposed area with large quantities of water. Seek medical attention if irritation persists. **Eyes:** Flush eyes with large quantities of water, holding eyelids open. Seek medical attention if irritation persists. **Inhalation:** Get to fresh air. If breathing is difficult, give oxygen. Seek medical attention if symptoms persists. **Ingestion:** Do not induce vomiting. Give large quantities of water or milk. Seek medical attention immediately.

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled

Mop up or otherwise absorb and hold for disposal.

Waste Disposal Method

Any method in accordance with applicable laws.

Precautions to be Taken in Handling and Storage

Keep out of reach of children. For use by trained personnel only. Keep container closed during storage. For institutional and industrial use only.

Other Precautions

N/A

Section VIII - Control Measures

Respiratory Protection (Specify Type)

Use with adequate ventilation.

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

Protective Gloves

Acid proof.

Other Protective Clothing or Equipment

Eye Protection: Safety glasses.

Work/Hygienic Practices

N/A

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

CAS #	Chemical Name	Percent by Weight
7647-01-0	Hydrochloric Acid	9.0