

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 BIO STRIP (120380)	<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

D.O.T. Hazard Class: ORM-D

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-Extreme 2-Moderate	Health: 2 Fire: 2 Reactivity: 1 Personal Protection: B
	Date Prepared 10/29/02
	Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	CAS No.	PEL	TWA/TLV	Other Limits Recommended	% (optional)
Sodium Hydroxide	1310-73-2	2mg/m ³	2mg/m ³	--	01-05
Propylene Glycol Methyl Ether	107-98-2	400ppm	400ppm	--	05-10
Ethylene Glycol Monobutyl Ether	111-76-2	400ppm	400ppm		01-05
Isoparaffinic Hydrocarbon	64742-66-8	400ppm	400ppm		01-05
Liquified Petroleum Gas	68476-85-7	1000ppm	1000ppm	--	05-10

Section III - Physical/Chemical Characteristics

Boiling Point	-97°F	Specific Gravity (H ₂ O = 1)	1.009
Vapor Pressure of can (psig @ 72°F)	55	Melting Point	N/A
Vapor Density (AIR = 1)	>1	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water	pH	13	
Complete	Total VOC	10%	

Appearance and Odor

Opaque White Liquid with Citrus / Ammonia Scent.

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) (of concentrate only) ~187°F	Flammable Limits Non-flammable spray	LEL N/A	UEL N/A
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Extinguishing Media

Foam, CO₂, Dry Media

Special Fire Fighting Procedures

Wear self-contained breathing apparatus and protective clothing. Cool fire exposed containers to prevent rupturing.

Unusual Fire and Explosion Hazards

Exposure to temperature above 120°F may cause bursting.

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid	N/A
	Stable	X		

Incompatibility (Materials to Avoid)

Avoid contact with strong oxidizing agents.

Hazardous Decomposition or Byproducts

Carbon Dioxide, Carbon Monoxide.

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?
	Yes	Yes	Yes

Health Hazards (Acute and Chronic)

Eyes: Causes severe irritation redness, tearing and blurred vision. **Skin:** Prolonged contact causes irritation, redness and possible burns. **Inhalation:** Inhalation of mist can cause irritation of nasal and respiratory passages and damage to mucous membranes. **Ingestion:** Can cause damage to mucous membranes and deep tissue.

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

N/A

Emergency and First Aid Procedure

Eyes: Flush with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. Get medical attention immediately. **Skin:** Flush with water then wash with vinegar. If irritation persists seek medical attention. **Inhalation:** Remove to fresh air. Seek medical attention immediately. If breathing stops give artificial respiration. **Ingestion:** Do not induce vomiting. Victim should drink large quantities of water or milk. Follow with citrus fruit juice. Seek medical attention immediately.

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled

Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat sources and open flame far away from spill or leak. Cover with absorbent material and sweep up. Wash area to prevent slipping. Dispose of soaked absorbent material in accordance with Federal, State and local laws.

Waste Disposal Method

Aerosol cans, when emptied and depressurized through normal use, pose no disposal hazard and should be recycled. Consult Federal, State and local authorities for approved procedures.

Precautions to be Taken in Handling and Storage

Keep out of reach of children. For industrial and institutional use only. Store in a cool, dry area away from heat or open flame. Do not store at temperatures above 120°F. **NFPA Code 30B Rating:** Level 1 Aerosol.

Other Precautions

N/A

Section VIII - Control Measures

Respiratory Protection (Specify Type)

None needed for proper use in accordance with label directions.

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

Protective Gloves	Eye Protection
None needed for proper use in accordance with label directions. Use chemical resistant gloves if hand contact will be made.	None needed unless it is anticipated that a splash or spray back will occur, then wear safety glasses or chemical proof goggles.

Other Protective Clothing or Equipment

N/A

Work/Hygienic Practices

N/A

The information contained on this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive nor fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.