

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

PINEE FOAM (200095)

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 1-800-544-0133 (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:	Health: 2	Date Prepared 07/19/99
	Flammability: 0	Signature of Preparer (optional)
Reactivity: 0		
Personal Protection: B		

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	CAS No.	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Water	7732-18-5				
Dipropylene Glycol Monomethyl Ether	34590-94-8				1-10%
Alkyl Dimethyl Benzyl Ammonium Chloride	139-07-1				0.3%
Cocomidopropyl Betaine	61789-40-0				1-5%
Tetrasodium EDTA	64-02-8				1-5%

Section III - Physical/Chemical Characteristics

Boiling Point	212°F initial	Specific Gravity (H ₂ O = 1)	1.01
Vapor Pressure (mm Hg) @68°F	Not Determined	% Volatile	90+
Vapor Density (AIR = 1)	Not Determined	Evaporation Rate (Butyl Acetate = 1)	<1
Solubility in Water 100%	pH 11.5 - 12.5	Total VOC: 5%	
Appearance and Odor Clear, colored 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 Product is non-combustible. Water spray, Dry chemical, CO2, or Foam may be used where product is stored			
Special Fire Fighting Procedures Do not enter confined fire-spaces without protective clothing and self-contained air supply.			
Unusual Fire and Explosion Hazards N/A			

Section V - Reactivity Data

Stability	Unstable	Conditions to Avoid	None
	Stable		
Incompatibility (Materials to Avoid) Do not mix with chloinated detergents. (bleach)			
Hazardous Decomposition or Byproducts Burning may produce carbon monoxide, carbon dioxide and unidentified organic compounds			
Hazardous Polymerization	May Occur	Conditions to Avoid	None
	Will Not Occur		

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 may cause moderate reddening or swelling.**Eyes:** Severe eye irritant. Liquid and mists may cause corneal injury.**Inhalation:** Vapors may be irritating to mucous membranes of the nose, throat, and lungs.**Ingestion:** May be irritating to the mouth, throat, esophagus, and gastrointestinal systems. Vomiting and diarrhea expected with large doses.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	No	No	No

Signs and Symptoms of Exposure

See above "Health Hazards".

Medical Conditions Generally Aggravated by Exposure

N/A

Emergency and First Aid Procedure

Skin: Flush with large quantities of water. Seek medical attention if irritation persists. **Eyes:** Flush eyes with large quantities of water. Seek medical attention if irritation persists. **Inhalation:** Get to fresh air. Seek medical attention if irritation persists. **Ingestion:** Drink two glasses of water. 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

N/A

Other Precautions

N/A

Section VIII - Control Measures

Respiratory Protection (Specify Type)

Use with adequate ventilation.

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

Protective Gloves

Waterproof recommended.

Eye Protection

Safety glasses recommended.

Other Protective Clothing or Equipment

N/A

Work/Hygienic Practices

N/A