

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

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

3700 E. Kilgore Road, Portage, MI 49002

HMIS RATINGS:

Health: 2
Flammability: 0
Reactivity: 0
Personal Protection: B

Emergency Telephone Number

1-800-544-0133 (Chem-Tel)

Telephone Number For Information

269-382-0133

Date Prepared

07/19/99

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)

| 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 (H₂O = 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

Stable

X

Conditions to
Avoid

None

Incompatibility (Materials to Avoid)

Do not mix with chlorinated detergents. (bleach)

Hazardous Decomposition or Byproducts

Burning may produce carbon monoxide, carbon dioxide and unidentified organic compounds

Hazardous

May Occur

Polymerization

Will Not Occur

X

Conditions to
Avoid

None

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