

# Material Safety Data Sheet for

# Universal Plus



CLASS B FOAM

## Section I

### Manufacturer's Name and Address:

National Foam, Inc.  
150 Gordon Drive  
P. O. Box 270  
Exton, PA 19341-1350

### Emergency Telephone:

(215)-363-1400

Date Prepared: 6/25/93

## Section II Hazardous Ingredients/Identity Information

The specific chemical identities and corresponding weight percents of some substances involved in the formulation of this product are considered a proprietary trade secret and are not disclosed on this MSDS. To comply with the trade secret provisions of existing Community and Worker Right-To-Know laws, generic chemical identities for some of the ingredients in this product have been provided.

Information about the specific chemical identities is available to attending health professionals in the event of a medical emergency. In a non-emergency situation, this information is available to other health professionals, employees or their designated representatives, as prescribed by the OSHA Hazard Communication Standard, 29 CFR 1910.1200 and the PA Worker and Community Right-to-Know Act.

Specific/Generic Chemical Identity:	OSHA PEL	ACGIH TLV	Other Limits
Water	None Established	None Established	
Sodium Dodecyl Sulfate #00142870	None Established	None Established	
Alkyl Polyglycoside #113976-90-2	None Established	None Established	
Fluorinated Surfactant	None Established	None Established	

This product contains the following substances which appear on the PA Hazardous Substances List. The properties and effects of these substances are disclosed on this MSDS.

Specific/Generic Chemical Identity:	OSHA PEL	ACGIH TLV	Other Limits
2-(2-Butoxyethoxy) -1-ethanol #112-34-5 (*)	None established	None established	

(\*) This ingredient is subject to SARA, Title III reporting requirements. The percent by weight volume of this ingredient is less than 5%.

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## Section III Physical Chemical Characteristics of Product

pH	8.2	Specific Gravity (Water=1)	1.02
Solubility in water	100%	Evaporation Rate (Butyl Acetate=1)	<1
Vapor Pressure (mm Hg)	N/D	Vapor Density	N/D
Boiling Point	N/D	Melting Point	N/A

Appearance and Odor: Straw yellow liquid -- mild pleasant odor.

N/D denotes Not Determined.

N/A denotes Not Applicable.

## Section IV Health Hazard Data

This product has been tested as a whole for acute oral toxicity, primary eye irritation, and primary skin irritation. Results for acute oral toxicity and primary skin irritation were negative. Test data indicate that Universal Plus is a primary eye irritant.

This product contains the following substances, which in their pure form, pose the following hazards:

Chemical Ingredients	Routes of Entry Symptoms of Exposure Effects of Inhalation, Ingestion and Skin Absorption:	Listed in NTP, IARC or OSHA
2-(2-Butoxyethoxy)-1-ethanol #112-34-5	Ingestion may produce signs of intoxication, symptoms of central nervous system depression. Eye contact causes immediate stinging with severe redness and swelling of the conjunctiva with chemical burns of the cornea.	Not listed.

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### Section IV Health Hazard Data (continued)

Medical Conditions Generally Aggravated by Exposure:  
Existing eye or skin sensitivity may be aggravated by exposure.

**Emergency First Aid Procedures:**

**Skin contact:** Flush skin with water for 15 minutes. Apply moisturizer to restore oil to skin.

**Eye:** Flush eyes immediately with copious amounts of water for 15 minutes. Contact physician immediately.

**Ingestion:** If conscious, give victim two glasses of water and induce vomiting. Contact physician immediately.

### Section V Fire and Explosion Hazard Data

Flash Point N/A

**Flammable Limits**

LEL	<u>N/A</u>
UEL	<u>N/A</u>

**Extinguishing Media:** Product is an extinguishing medium.

**Special Fire Fighting Procedures:** N/A

**Unusual Fire and Explosion Hazards:** N/A

### Section VI Reactivity Data

**Stability:** Unstable ☐ Stable ☒

**Conditions to Avoid:** None

**Incompatibility; Material to Avoid:** None

**Hazardous Polymerization:** May Occur ☐ Will Not Occur ☒

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### Section VII Control Measures

#### Spill or Leak Procedures

**Concentrate:** Collect spilled concentrate with absorbent material, flush area with water until it no longer foams. Disposal should be in accordance with State and Local regulations.

**Foam:** Flush with water and dispose of diluted material according to State and Local regulations.

### Section VIII Precautions for Safe Handling and Use

**Respiratory Protection:** Not required

**Ventilation:** Not required.

**Protective Clothing:** Rubber or PVC gloves recommended.

**Eye Protection:** Safety glasses, faceshield or goggles required. Eye wash facilities recommended.

**Work/Hygienic Practices:** Rinse any spills off skin immediately. Avoid inhalation, ingestion, or skin contact. Avoid contact with eyes.

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