

10-05-05

MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910, 1200)

Prepared by: _____
Effective Date: 8/02

N/A=Not Applicable

SECTION 1 - PRODUCT IDENTIFICATION

Product Name: Dyna Foam
Generic Name: Alkali Detergent
Suppliers Name: Ultra Chem, Inc.
Suppliers Address: 8043 Flint
Lenexa, KS 66214

Chemical Family: Soap/Detergent
Formula: U038
Information Phone Number: 913-492-2929
Emergency Phone Number: 800-451-0726

Proper Shipping Name: Corrosive Liquids, N.O.S. 8, UN1760, PG III (Contains: Caustic Potash)
X

HMIS Hazardous Materials Identification System

Health	3
Flammability	0
Reactivity	1
Maximum Personal Protection	

SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV	CARCINOGEN
2-Butoxyethanol	111-76-2	< 10	25ppm	25ppm	No Info	No
Potassium Hydroxide	1310-58-3	< 10	No Info	2mg/m ³	No Info	No

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 CFR 372:

CAS# Chemical Name Percent by Weight

SECTION 3 - PHYSICAL DATA

Boiling Range (°F): 212 - 431° **Specific Gravity:** 1.06 - 1.07
Vapor Pressure: 20mm/Hg @ 70°F **Vapor Density:** Heavier than Air
% Volatile: > 65 **pH:** 13.0 - 14.0
Solubility in Water: Complete **Evaporation Rate:** Slower than Ether
Physical Description: Thick Amber Liquid

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): >200° F
Upper Explosive Limit: N/A **Lower Explosive Limit:** N/A
Extinguishing Media: Water Fog, CO2, Dry Chemical
Special Fire Fighting Procedures: SCBA, Protective Clothing
Unusual Fire and Explosion Hazards: Extinguish all ignition sources
Flammable Hydrogen Gas may be liberated.

SECTION 5 - REACTIVITY DATA

Stability: Stable **Hazardous Polymerization:** Will not occur.
Incompatibility (Materials to Avoid): Active Metals, strong acids.
Hazardous Decomposition Products: Carbon Monoxide, Carbon Dioxide

SECTION 6 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken in Handling and Storage: Keep out of reach of children.
Keep container tightly closed when not in use.
For Trained Industrial and Institutional Personnel Only.

SECTION 7 - HEALTH HAZARDS AND FIRST AID

Effects of Overexposure:
Primary Route of Entry:
Skin: Destructive - Overexposure may produce burns.
Eyes: Destructive - Exposure may cause burns, eye injury and blindness.
Inhalation: Excessive inhalation may damage respiratory tract. Possible nausea, dizziness, and difficulty breathing.
Ingestion: Extremely corrosive, large quantities could cause severe pain, nausea, death.

First Aid Procedures:
Skin: Flush with water 15 minutes. Remove contaminated clothing. Seek medical attention if irritation persists.
Eyes: Flush with water 15 minutes while lifting eyelids to ensure complete removal. Seek medical attention.
Inhalation: Remove to fresh air. If breathing has stopped, give artificial respiration. Get medical attention.
Ingestion: Do not induce vomiting. If conscious, give large quantity of water or milk. Get medical attention.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: NIOSH/OSHA approved respirators for materials in section 2 when ventilation is restricted.
Protective Gloves: Chemical resistant gloves.
Other Protective Equipment: Wear boots and impervious clothing.

Ventilation: Sufficient ventilation in volume and pattern should be provided to keep air contamination at a minimum.
Eye Protection: Safety glasses or goggles.

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:
Wear appropriate protective and respiratory equipment.
Prevent spills from entering sewers or any unauthorized water systems.

Waste Disposal Method:
Dispose in accordance with appropriate Federal, State and Local regulations.