

## Material Safety Data Sheet

(Prepared according to 29 CFR 1910.1200)

Date of Preparation:

Revised: 01/05

Prepared By: TA

### Section - 1 Product and Company Identification

<b>Product Name: Dyna Foam</b>		Chemical Family:		Soap/Detergent	
Generic Name:	Alkali Detergent	Formula:		U038	
Suppliers Name:	Ultra Chem, Inc.				
Suppliers Address:	8043 Flint				
Lenexa, KS 66214					
Proper Shipping Name: Corrosive Liquids, N.O.S. 8, UN1760, PG III (Contains: Caustic Potash)					
Information Phone Number:		913-492-2929	Emergency Phone No.		800-451-0726
HMIS Code:	Reactivity: 1	Flammability:0	Health:3	Personal Protection: X	

### Section - 2 Hazard Ingredients / Identity Information

Hazardous Components (Specific Chemical Identity;		OSHA PEL	ACGIH/TVL	Other Limits	% Wt.
Common Name(s))					
Butoxyethanol	111-76-2	25ppm	25ppm		< 10
Potassium Hydroxide	1310-58-3	no info	2mg/m <sup>3</sup>		< 10

### Section III - Physical / Chemical characteristics

Boiling Point Range °F:	212 - 431	Specific Gravity (H <sub>2</sub> O =1):	1.06 - 1.07
Vapor Pressure (mm Hg.):	20mm/Hg @ 70°F	melting Point:	
Vapor Density (AIR = 1):	Heavier than Air	Evaporation Rate:	: Slower than Ether
Solubility in Water:	Complete	( Butyl Acetate = 1)	
Appearance and Odor:	Thick Amber	% Volatile:	>65
pH: 13.0 - 14.0			

### Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used): >200 F	Flammable limits:		LEL	UEL
			N/A	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.		
Autoignition Temperature:				

### Section V - Reactivity Data

Stability:	Unstable	Conditions to Avoid:		
	Stable	X		
Incompatibility (Materials to avoid):	Active Metals, strong acids			
Hazardous Decomposition or By products:	Carbon Monoxide, Carbon Dioxide			
Hazardous Polymerization:	May Occur			

Will not Occur	X	
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Section VI - Health Hazard Information	
<b>Effects of Overexposure:</b>	
<b>Primary Route of Entry:</b>	
<b>Skin:</b>	Destructive - Overexposure may produce burns.
<b>Eyes:</b> Destructive - Exposure may cause burns, eye injury and blindness.	
<b>Inhalation:</b> Excessive inhalation may damage respiratory tract.. Possible nausea, dizziness, and difficulty breathing.	
<b>Ingestion:</b> Extremely corrosive, large quantities could cause severe pain, nausea, death.	
<b>First Aid procedures:</b>	
<b>Skin:</b>	Immediately flush skin with plenty of water while removing contaminated clothing. Seek medical attention if irritation persists
<b>Eyes:</b>	Flush with water for 15 minutes while lifting eyelids to assure complete removal. Get medical attention.
<b>Inhalation:</b>	Remove to fresh air. If breathing has stopped, give artificial respiration. Get medical attention.
<b>Ingestion:</b>	Do not induce vomiting. If conscious, dilute stomach contents by drinking water. Call a physician immediately.
Section VII - Spills, Leaks and Disposal Procedure	
<b>Steps to be Taken in Case Material is Released or Spilled:</b>	
Wear appropriate protective and respiratory equipment.	
Prevent spills from entering sewers or any unauthorized water systems.	
<b>Waste Disposal Method:</b>	
Dispose in accordance with appropriate Federal, State and Local regulations.	
Section VIII - Exposure Controls / Personal Protection	
<b>Respiratory Protection:</b>	NIOSH/OSHA approved respirators for materials in section 2 when ventilation is restricted
<b>Protective Gloves</b>	Chemical resistant gloves.
<b>Other Protective Equipment:</b>	Wear boots and impervious clothing.
<b>Ventilation</b>	Sufficient ventilation in volume and pattern should be provided to keep air contamination at a minimum.
<b>Eye Protection:</b>	Safety glasses or goggles.
Section IX - Special Precautions and Comments	
<b>Handling Precautions:</b>	Keep out of reach of children. For Trained Industrial and Institutional Personnel Only.
<b>Storage Requirements:</b>	Keep container tightly closed when not in use
<b>Comments:</b>	Practice good hygiene after handling this material.