Material Safety Data Sheet

(Prepared according to 29 CFR 1910,1200)

Date of Preparation: Revised: 11/11 Prepared By: DD

Section - 1 Product and Company Identification

Product Name: Dyna Foam		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 Codes:	Reactivity: 1	Flammability:0	Health:3	Personal Protection: X

Section - 2 Hazard Ingredients / Identity Information

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

Section III - Physical / Chemical characteristics

Boiling Point Range ^oF: 212 - 431	**Specific Gravity (H_2O =1)**: 1.06 - 1.07
Vapor Pressure (mm Hg.):20mm/Hg @ 70^{o}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, CO_2, 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 Temprature:	

Section V - Reactivity Data

Stabitity: 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		

Section VI - Health Hazard Information

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: Immediately flush skin with plenty of water while removing contaminated clothing. Seek medical attention if irritation persists

Eyes: Flush with water for 15 minutes while lifting eyelids to assure complete removal. Get medical attention.

Inhalation: Remove to fresh air. If breathing has stopped, give artificial respiration. Get medical attention.

Ingestion: Do not induce vomiting. If conscious, dilute stomach contents by drinking water. Call a physician immediately.

Section VII - Spills, Leaks and Disposal Procedure

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.

Section VIII - Exposure Controls / Personal Protection

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 IX - Special Precautions and Comments

Handling Precautions:	Keep out of reach of children.
	For Trained Industrial and Institutional Personnel Only.
Storage Requirements:	Keep container tightly closed when not in use
Comments:	Practice good hygiene after handling this material.