

# MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

Prepared by:                       
Effective Date: 11/98

N/A=Not Applicable

## SECTION 1 - PRODUCT IDENTIFICATION

**Product Name:** Conquer  
**Chemical Name:** Butyl Degreaser  
**Suppliers Name:** Ultra Chem, INC  
**Suppliers Address:** 8043 Flint  
**Lenexa, KS 66214**

**Chemical Family:**  
**Formula:**  
**Information Phone Number:** 913-492-2929  
**Emergency Phone Number:** 1-800-451-0726

### HMIS Hazardous Materials Identification System

Health	2
Flammability	1
Reactivity	0
Maximum Personal Protection	C

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

## SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV	CARCINOGEN
2-Butoxyethanol	111-76-2	< 10	50ppm	25ppm	No Info	No
Sodium Metasilicate	6834-92-0	< 5	2mg/m <sup>3</sup>	2mg/m <sup>3</sup>	No Info	No
Potassium Hydroxide	1810-58-3	< 5	2mg/m <sup>3</sup>	2mg/m <sup>3</sup>	2mg/m <sup>3</sup>	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
111-76-2	2-Butoxyethanol	9.1

### SECTION 3 - PHYSICAL DATA

<b>Boiling Range (°F):</b> 212 - 340°	<b>Specific Gravity:</b> 1.08 - 1.09
<b>Vapor Pressure:</b> 1mm/Hg @ 70°F	<b>Vapor Density:</b> Heavier than Air
<b>% Volatile:</b> 80 +	<b>pH:</b> 12.5 - 13.5
<b>Solubility in Water:</b> Complete	<b>Evaporation Rate:</b> Slower than Ether
<b>Description:</b> Clear Purple Liquid, Sassafras Odor	

### SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point (Method Used):</b> > 200°	<b>Lower Explosive Limit:</b> N/A
<b>Upper Explosive Limit:</b> N/A	
<b>Extinguishing Media:</b> Water Fog, Foam, Dry Chemical, CO2	
<b>Special Fire Fighting Procedures:</b> Full Bunker Gear with positive pressure SCBA.	
<b>Unusual Fire and Explosion Hazards:</b> Flammable Hydrogen Gas may be liberated if product contacts reactive metals.	

### SECTION 5 - REACTIVITY DATA

<b>Stability:</b> Stable	<b>Hazardous Polymerization:</b> Will not occur.
<b>Incompatibility (Materials to Avoid):</b> Aluminum, copper, zinc and strong acids.	
<b>Hazardous Decomposition Products:</b> CO, CO2	

### 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:** 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 for 15 minutes while lifting eyelids to assure complete removal. **Seek immediate 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

#### to be Taken in Case Material is Released or Spilled:

Use 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.

**Product Name:** Conquer  
**Chemical Family:** Soap/Detergent  
**Formula:** U1147