

# 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  
**Supplier Name:** Ultra Chem, INC  
**Supplier Address:** 8043 Flint  
**City:** 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

#### Actions 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