

MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

Prepared by: R.K.
Effective Date: 11/98

N/A=Not Applicable

SECTION 1 - PRODUCT IDENTIFICATION

Product Name: Conquer
Generic Name: Butyl Degreaser
Suppliers Name: Ultra Chem, INC
Suppliers Address: 8043 Flint

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

HMS Hazardous Materials Identification System

Health	2
Flammability	1
Reactivity	0
Maximum Personal Protection	C

Proper Shipping Name: Lenexa, KS 66214
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 ³	2mg/m ³	No Info	No
Potassium Hydroxide	1810-58-3	< 5	2mg/m ³	2mg/m ³	2mg/m ³	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

Boiling Range (°F): 212 - 340°
Vapor Pressure: 1mm/Hg @ 70°F
% Volatile: 80 +
Solubility in Water: Complete
Description: Clear Purple Liquid, Sassafras Odor

Specific Gravity: 1.08 - 1.09
Vapor Density: Heavier than Air
pH: 12.5 - 13.5
Evaporation Rate: Slower than Ether

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

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

Lower Explosive Limit: N/A

SECTION 5 - REACTIVITY DATA

Stability: Stable
Incompatibility (Materials to Avoid): Aluminum, copper, zinc and strong acids.
Hazardous Decomposition Products: CO, CO2

Hazardous Polymerization: Will not occur.

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

Steps 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