

# MATERIAL SAFETY DATA SHEET

## I. GENERAL INFORMATION

**TRADE NAME (as labeled):** LIQUA-PREP  
Description: Viscous Fabric Degreaser

**DATE PREPARED/ REVISED:**

February 15, 2005

### MANUFACTURER'S NAME

Chemical Consultants, Inc.  
1850 Wild Turkey Circle  
Corona, CA 92880-1799 USA

**PREPARER**

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## II. COMPONENT SAFETY DATA

Chemical Names	CAS Numbers	%	Exposure Limits in Air (give units)		Other (specify)
			ACGH TLV	OSHA PEL	
Ethoxylated Alkyl phenol	9036-19-5	<20	Not Est'd	Not Est'd	
d-limonene	5989-27-5	<5	Not Est'd	Not Est'd	

## III. PHYSICAL PROPERTIES

**Vapor density (air =1):** >1  
**Specify gravity:** 1.02  
**Solubility in water:** 100%  
**Vapor pressure, mmHg at 20 °C:** NA  
**Appearance and odor:** clear liquid with slight detergent odor.

**Melting point or range, °F:** Unknown  
**Boiling point or range, °F:** 215  
**Evaporation rate (butyl acetate =1):** <1  
**pH (1% solution):** 9.80

## IV. FIRE AND EXPLOSION

**Flash point, °F (give method):** None  
**Auto ignition temperature, °F:** Unknown  
**Flammable limits in air volume %:** lower (LEL) Unknown upper (UEL) Unknown  
**Fire extinguishing materials:** water spray  foam  carbon dioxide  dry chemical  other \_\_\_\_\_

### Special fire fighting procedures:

Non-flammable, use self contained breathing apparatus and appropriate protective clothing for any nearby fires.

### Unusual fire and explosion hazards:

None

## V. REACTIVITY DATA

**Stability:** Stable  Unstable \_\_\_\_\_

### Conditions to avoid:

Do not contaminate. Store in cool dry area.

### Incompatibility (materials to avoid):

Excessive heat, reducing agents, strong mineral acids

### Hazardous decomposition products (including combustion products):

Carbon dioxide, Carbon monoxide

**Hazardous polymerization:** May occur \_\_\_\_\_ Will not occur

### Conditions to avoid:

None known

**SYMPTOMS OF OVEREXPOSURE for each potential route of exposure.****Inhaled:** None known, Not applicable**Skin:** None known, Similar to liquid detergent.**Swallowed:** None known, Similar to liquid detergent.**HEALTH EFFECTS OR RISKS FROM EXPOSURE:** Explain in lay terms.**Acute:** SKIN: Slight irritation. EYES: Moderate irritant.**Chronic:** SKIN: Possible dermatitis, eczema.**FIRST AID EMERGENCY PROCEDURES:****Eye contact:** Flush with water for at least 15 minutes. Seek immediate medical attention.**Skin contact:** Remove contaminated clothing. Flush exposed areas with water.**Inhaled:** Remove from source of irritation.**Swallowed:** Do NOT induce vomiting. If individual is conscious and alert, immediately rinse mouth with water and give milk or water to drink. Seek medical attention.**CARCINOGENICITY?** YES: \_\_\_\_\_ NO: **This product's ingredients are found in this list. Federal OSHA** \_\_\_\_\_ **NTP** \_\_\_\_\_ **IARC** \_\_\_\_\_ **ACGIH** \_\_\_\_\_**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** Pre-existing skin conditions.**VII. SPILL, LEAK, AND DISPOSAL PROCEDURES****Spill response procedures (include employee protection measures):**

Small spills may be water rinsed and flushed to drain. Large spills should be diked and recovered.

**Disposal Methods:** No special methods required but check local codes.**NOTE:** *Dispose of all wastes in accordance with federal, state, and local regulations.***VIII. SPECIAL HANDLING PROCEDURES****Respiratory protection (type):** None required.**Ventilation and engineering controls:** Not required**Eye protection (type):** Safety glasses always advisable with industrial cleaners.**Gloves (specify material):** Nitrile gloves for prolonged contact with sensitive skin.**Other clothing and equipment:** Adequate protective clothing to prevent skin contact.**Work practices, hygienic practices:** Always wash hands after handling.**Other handling and storage requirements:** No special requirements.**IX. REPORTING REQUIREMENTS & ADDITIONAL INFORMATION**

HMIS Code System Rating = Health 1; Flammability 1; Reactivity 0.

NFPA 704 Code System Rating = Health 1; Flammability 0; Reactivity 0.

Volatile Organic Compound (VOC) = 57 grams per liter or .47 lbs. per gallon

All components in this product have been tested &amp; listed in the TSCA inventory

This product contains no chemicals subject to the reporting requirements of SARA Title III, Section 313

This product contains no Proposition 65 designated chemicals.

This product is in compliance with California SCAQMD Rule 1171.

Non- photochemically reactive.

Biodegradable, considered drain safe into all sewer systems.

Contains no chlorinated or petroleum hydrocarbons.