

MATERIAL SAFETY DATA SHEET

I. GENERAL INFORMATION

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

DATE PREPARED/ REVISED:

May 08, 2008

MANUFACTURER'S NAME

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

PREPARER

H.S.D.

PHONE NUMBER:
(951)735-5511

II. COMPONENT SAFETY DATA

Chemical Names	CAS Numbers	%	ACGH TLV	OSHA PEL	Other (specify)
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	Melting point or range, °F	Unknown
Specify gravity:	1.02	Boiling point or range, °F	215
Solubility in water:	100%	Evaporation rate (butyl acetate =1):	<1
Vapor pressure, mmHg at 20 °C:	NA	pH (1% solution):	9.80
Appearance and odor:	clear liquid with slight detergent odor.		

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
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Fire extinguishing materials:

water spray	☒	carbon dioxide	☒	other	
foam	☒	dry chemical	☒		

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):

Co, Co₂, and unidentified organic compounds

Hazardous polymerization: May occur ☐ Will not occur ☒

Conditions to avoid:

None known

VI. HEALTH HAZARD INFORMATION

SYMPTOMS OF OVEREXPOSURE for each potential route of exposure.

Inhaled: Inhalation of vapors or mists may cause respiratory irritation.

Skin: May cause irritation to the skin. Eye contact: Low concentrations of mists or vapors can be irritating, causing redness. Concentrated mists, vapors or splashed liquid can cause severe irritation.

Swallowed: Ingestion may produce irritation to the lips, mouth, upper airway, esophagus, and stomach. Will cause irritation of the digestive tract. Nausea.

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: X

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 under normal operating conditions.

Ventilation and engineering controls: General ventilation recommended.

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 & 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.