

MATERIAL SAFETY DATA SHEET

I. GENERAL INFORMATION

TRADE NAME (as labeled): LS-500
Description: Multi-Purpose Screen Wash

DATE PREPARED/ REVISED:

June 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	
Dibasic Esters	1119-40-0	<20	Not Est'd	Not-Est'd	
D'Limonene	5989-27-5	<15	Not-Est'd	Not-Est'd	
Glycol Ethers	Mixture	<15	100 PPM	100 PPM	(Recommended)

III. PHYSICAL PROPERTIES

Vapor density (air =1): >1
Specify gravity: 1.034
Solubility in water: Complete
Vapor pressure, mmHg at 20 °C:
Appearance and odor:
Clear, mobile liquid with characteristic sweet odor.

Melting point or range, °F: Unknown
Boiling point or range, °F: >210
Evaporation rate (butyl acetate =1): <1
pH (1% solution):

IV. FIRE AND EXPLOSION

Flash point, °F (give method): 124 (TCC)
Auto ignition temperature, °F: Unknown
Flammable limits in air volume %:
Fire extinguishing materials: water spray lower (LEL) Unknown upper (UEL) Unknown
foam carbon dioxide other _____
dry chemical

Special fire fighting procedures:

Caution. COMBUSTIBLE. Do NOT enter confined fire space without full bunker gear, including a positive pressure NIOSH approve self-contained breathing apparatus.

Unusual fire and explosion hazards:

Containers exposed to intense heat should be cooled with water to prevent vapor pressure build up, which could result in container rupture.

V. REACTIVITY DATA

Stability: Stable Unstable _____

Conditions to avoid:

Keep away from heat, flame and sparks.

Incompatibility (materials to avoid):

Strong oxidizing agents, strong alkalis and oxidizers.

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: Mist may cause irritation of mucous membranes, nose eyes, and throat.

Skin: May cause irritation order. Dermatitis in some individuals upon prolonged contact.

Swallowed: May cause irritation of mouth and throat. Nausea and vomiting.

HEALTH EFFECTS OR RISKS FROM EXPOSURE: Explain in lay terms.

Acute: SKIN: Slight irritation. INHALATION: Very slight irritation

Chronic: Headache, nausea skin redness.

FIRST AID EMERGENCY PROCEDURES:

Eye contact: Flush immediately with water. If irritation persists, get medical aid.

Skin contact: Remove contaminated clothing. Wash with soap and water. If irritation occurs, seek medical aid.

Inhaled: Remove victim to fresh air. Provide oxygen breathing is difficult. Get medical attention

Swallowed: Do NOT induce vomiting. 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 and pre-existing respiratory conditions.

VII. SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill response procedures (include employee protection measures): Small spills may be wiped.

Contain large spills by diking CAUTION: Floors may be extremely slippery.

Disposal Methods: RCRA Class: Regulated. EPA Hazardous substance RQ: Not listed.

NOTE: Dispose of all wastes in accordance with federal, state, and local regulations.

VIII. SPECIAL HANDLING PROCEDURES

Respiratory protection (type): None required under normal use conditions

Ventilation and engineering controls: General Ventilation

Eye protection (type): Safety glasses.

Gloves (specify material): Nitrile gloves to prevent direct skin contact.

Other clothing and equipment: Adequate protective clothing to prevent skin contact.

Work practices, hygienic practices: Wash hands thoroughly after contact and before eating.

Other handling and storage requirements: Store away from ignition sources, and in a cool, dry area. Always keep container closed when not in use. Combustible, keep soiled rags in a proper container.

IX. REPORTING REQUIREMENTS & ADDITIONAL INFORMATION

HMIS Code System Rating = Health 1; Flammability 2; Reactivity 0.

NFPA Code System Rating = Health 1; Flammability 2; Reactivity 0.

Volatile Organic Compound (VOC).3.83 lbs. per gallon or 460 grams per liter.

This product contains a chemical subject to the reporting requirements of SARA Title III, Section 313.

This product is in compliance with California SCAQMD Rule 1171 as a clean up material

Contains no proposition 65 designated chemicals.

Non-photochemically reactive.

Contains no chlorinated or petroleum hydrocarbons.