

MATERIAL SAFETY DATA SHEET

I. GENERAL INFORMATION

TRADE NAME (as labeled): Screen Wash 147
Description: Spray & Wipe /Recirculating Screen Wash

DATE PREPARED/ REVISED:

July 01, 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	
d-Limonene/Hydrocarbons	Mixture	>60	100 PPM	100 PPM	
Esters	Mixture	<10	Not Est'd	Not Est'd	

III. PHYSICAL PROPERTIES

Vapor density (air =1):	>1	Melting point or range, °F	NA
Specify gravity:	0.7856	Boiling point or range, °F	350
Solubility in water:	Insoluble	Evaporation rate (butyl acetate =1):	<1
Vapor pressure, mmHg at 20 °C:	<1	pH (1% solution):	7.1

Appearance and odor:
Clear liquid with citrus odor.

IV. FIRE AND EXPLOSION

Flash point, °F (give method): 147 (TCC)
Auto ignition temperature, °F: Not tested
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:

Firefighters should wear full protective gear including self-contained breathing apparatus with full face shield operated in positive pressure mode.

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. Solvent impregnated rags or wipes should be kept in tightly closed containers.

V. REACTIVITY DATA

Stability: Stable Unstable _____

Conditions to avoid:

Keep away from heat, flame and sparks.

Incompatibility (materials to avoid):

Strong oxidizers and alkalis.

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: No effect of exposure expected due to contact. May cause irritation or dermatitis in some individuals.

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

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

Acute: Skin irritation, defatting of natural oils causing dryness, redness.

Chronic: None Known.

FIRST AID EMERGENCY PROCEDURES:

Eye contact: Immediately flush eyes with fresh water for at least 15 minutes. If irritation persists, seek medical aid.

Skin contact: Remove contaminated clothing. Flush skin with fresh water.

Inhaled: Remove to fresh air.

Swallowed: Drink large quantities of water. Do NOT induce vomiting. Seek medical aid.

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 wiped. Contain large spills by diking. Eliminate all ignition sources.

Disposal Methods: RCRA Class: Not Regulated. EPA Hazardous substance reportable quantity: Not listed. May be supplied to a biological treatment plant or incinerated.

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 recommended.

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. Combustible: keep soiled rags in proper container. Store in cool dry place. Always keep container closed when not in use.

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.

Contains no Proposition 65 designated chemicals

All components in this product have been tested and listed in the TSCA inventory.

Volatile Organic Compound (VOC) = 744 gms/liter or 6.2 pounds/gal.

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

Non-photochemically reactive.