

MATERIAL SAFETY DATA SHEET

I. GENERAL INFORMATION

TRADE NAME (as labeled): JP-53
Description: Press Wash/Screen Wash for Recirculation

DATE PREPARED/ REVISED:

April 11, 2007

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	%	Exposure Limits in Air (give units)		Other (specify)
			ACGH TLV	OSHA PEL	
Citrus Terpenes	5989-27-5	< 10	Not Est'd	Not Est'd	
Petroleum Hydrocarbons	Mixture	>80	Not Est'd	500 PPM	Recommended

III. PHYSICAL PROPERTIES

Vapor density (air =1): > 1
Specify gravity: 0.76
Solubility in water: Partial
Vapor pressure, mmHg at 20 °C: <0.1
Appearance and odor: Clear liquid with lemon odor.

Melting point or range, °F: NA
Boiling point or range, °F: >300
Evaporation rate (butyl acetate =1): <1
pH (1% solution): 7.2

IV. FIRE AND EXPLOSION

Flash point, °F (give method): 118 (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:

Caution. Combustible. Do NOT enter confined fire space without full bunker gear, including a NIOSH approved 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. Solvent impregnated rags or wipes should be kept in a tightly closed container.

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: 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 and redness

Chronic: None known

FIRST AID EMERGENCY PROCEDURES:

Eye contact: Immediately flush eyes with fresh water or use emergency eye wash station.

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): Eliminate sources of ignition. Absorb large spills with absorbent materials. Use appropriate personal protective equipment during clean up. Flush spill area with water.

Disposal Methods: May be incinerated. EPA hazardous substance reportable quantity. Not listed. RCRA Class: Regulated.

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. NIOSH approved respirator may be used for nuisance level organic vapor.

Ventilation and engineering controls: General

Eye protection (type): Chemical safety goggles and/or safety glasses.

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

Other clothing and equipment: Adequate 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.

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) = 6.30 lbs. per gallon or 760 grams per liter

Contains no components subject to reporting under SARA Title III, Section 313 or section 40 CFR/372

This product contains no Proposition 65 designated chemicals.

Non-photochemically reactive.