

# MATERIAL SAFETY DATA SHEET

## I. GENERAL INFORMATION

**TRADE NAME (as labeled):** SOLVEX #8  
Description: Press Wash/ Recirculating Screen Cleaner

**DATE PREPARED/ REVISED:**

July 22, 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	
Terpenes	5989-27-5	>35	Not Est'd	Not Est'd	
Esters	Mixture	>10	Not Est'd	Not Est'd	
Petroleum Distillates	Mixture	<25	Not Es'td	Not Es'td	
Propylene Glycol Ethers	Mixture	<10	Not Es'td	Not Es'td	

## III. PHYSICAL PROPERTIES

**Vapor density (air =1):** >1  
**Specify gravity:** 0.86  
**Solubility in water:** Partial  
**Vapor pressure, mmHg at 20 °C:** <15  
**Appearance and odor:**  
Yellow liquid with citrus odor.

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

## IV. FIRE AND EXPLOSION

**Flash point, °F (give method):** 124 (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:

Combustible. 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, sparks.

### Incompatibility (materials to avoid):

Strong oxidizers and alkalis.

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

CO, CO<sub>2</sub>, 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):** Eliminate sources of ignition. Absorb large spills with absorbent materials. Use appropriate personal protection during clean up. Flush spill area with water.

**Disposal Methods:** May be incinerated. RCRA Class: Regulated. EPA hazardous reportable quantity: 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 operating conditions.

**Ventilation and engineering controls:** General

**Eye protection (type):** Chemical safety goggles.

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

**Other clothing and equipment:** Adequate to prevent direct 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) = 730 gms/Liter (6.09 lbs/gal.)

Contains no products subject to the reporting requirements of SARA Title III, Section 313 or Section 40 CFR/372.

Non-photochemically reactive.

Components are present in this product under the chemical category of natural terpene and esters.