

# MATERIAL SAFETY DATA SHEET

## I. GENERAL INFORMATION

TRADE NAME (as labeled): RC-5  
Description: Spray & Wipe Press Wash

DATE PREPARED/ REVISED:

June 06, 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	5989-27-5	<20	Not est'd	Not est'd	
Propylene Glycol Ethers	Mixture	<40	100 ppm	100 ppm	recommended
Petroleum Hydrocarbons	64742-94-5	<25	100 ppm	100 ppm	

## III. PHYSICAL PROPERTIES

Vapor density (air =1): >1  
Specify gravity: 0.905  
Solubility in water: Partial  
Vapor pressure, mmHg at 20 °C: 2.5 Calculated  
Appearance and odor: Clear, colorless liquid with slight odor.

Melting point or range, °F: Unknown  
Boiling point or range, °F: >300  
Evaporation rate (butyl acetate =1): <1  
pH (1% solution): 7.12

## IV. FIRE AND EXPLOSION

Flash point, °F (give method): 110 (TCC)  
Auto ignition temperature, °F: Unknown  
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 positive pressure 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.

## V. REACTIVITY DATA

Stability: Stable  Unstable \_\_\_\_\_

### Conditions to avoid:

Keep away from heat, flame and sparks

### Incompatibility (materials to avoid):

Strong oxidizers agents, strong 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 effects expected due to contact. May cause irritation or dermatitis 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 irritation, defatting of natural oils. Possible respiratory irritation.

**Chronic:** Vapors can be absorbed in toxic amounts with continued over exposure.

### FIRST AID EMERGENCY PROCEDURES:

**Eye contact:** Flush immediately with fresh water for at least 15 minutes. Contact a physician.

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

**Inhaled:** Remove victim to fresh air.

**Swallowed:** Do not induce vomiting. Drink large quantities of milk or water. 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 or respiratory problems

## VII. SPILL, LEAK, AND DISPOSAL PROCEDURES

**Spill response procedures (include employee protection measures):** Absorb small spills onto suitable absorbent  
Contain large spills by diking.

**Disposal Methods:** RCRA Class:Regulated. Listed EPA hazardous Substance RQ: Not listed. Do not dispose into sewer/septic systems. May be 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:** Local exhaust to maintain below PEL

**Eye protection (type):** Safety glasses.

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

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

**Work practices, hygienic practices:** Wash thoroughly after handling. Wash hands before eating and smoking.

### Other handling and storage requirements:

Store away from ignition sources. Combustible: keep soiled rags in a proper container

## IX. REPORTING REQUIREMENTS & ADDITIONAL INFORMATION

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

NFPA 704 Code System Rating = Health 0; Flammability 2; Reactivity 0.

Volatile Organic Compound (VOC) = 690 grams per liter (5.75 lbs. per gallon) EPA Test Method 24-91

Non-photochemically reactive