

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

J. Monte Ross
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	
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, 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 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