

MATERIAL SAFETY DATA SHEET

I. GENERAL INFORMATION

TRADE NAME (as labeled): ProChem 450L
Description: Spray & Wipe Press Wash

DATE PREPARED/ REVISED:

February 25, 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	
Ethers	Mixture	<10	20ppm	25ppm	
Ethers	Mixture	< 5	Not Est'd	Not Est'd	

III. PHYSICAL PROPERTIES

Vapor density (air =1): >1
Specify gravity: .95
Solubility in water: 100%
Vapor pressure, mmHg at 20 °C: < 1
Appearance and odor:
Clear liquid with faint odor.

Melting point or range, °F Unknown
Boiling point or range, °F 430-450
Evaporation rate (butyl acetate =1): <1
pH (1% solution): 6.5

IV. FIRE AND EXPLOSION

Flash point, °F (give method): 230
Auto ignition temperature, °F: > 390
Flammable limits in air volume %: lower (LEL) .9 upper (UEL) 24.5
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 oxidizing agents, strong alkalis.

Hazardous decomposition products (including combustion products):

CO, CO₂, and various hydrocarbons

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 and shortness of breath (coughing).

Skin: May cause irritation or dermatitis in some individuals upon prolonged contact.

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

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

Acute: Skin irritation, defatting of natural oils to dermal area. Mild reversible liver and nasal effects in animals when inhaled.

Chronic: None known.

FIRST AID EMERGENCY PROCEDURES:

Eye contact: Flush immediately with fresh water for at least 15 minutes. Contact a physician if irritation persists or blurred vision occurs.

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

Inhaled: Remove victim to fresh air. Provide oxygen if breathing is difficult. Seek medical aid.

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 and respiratory problems.

VII. SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill response procedures (include employee protection measures): Eliminate sources of ignition. Small spills may be wiped. Large spills; dike area to stop spreading and recover product.

Disposal Methods: May be supplied to biological treatment plant or incinerated. RCRA class: not regulated. EPA hazardous substance. RQ: 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 use conditions.

Ventilation and engineering controls: General ventilation recommended

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.

Other handling and storage requirements: Store away from ignition sources, and in a cool dry area.

COMBUSTABLE: keep soiled rags in a proper container.

IX. REPORTING REQUIREMENTS & ADDITIONAL INFORMATION

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

NFPA 704 Code System Rating = Health 1; Flammability 1; Reactivity 0.

Volatile Organic Compound (VOC) = 912 grams/ liter (7.6 lbs per gallon)

This product contains no proposition 65 designated chemicals.

Non-photochemically reactive.

Contains no chlorinated or petroleum hydrocarbons.