

# MATERIAL SAFETY DATA SHEET

## I. GENERAL INFORMATION

TRADE NAME (as labeled): PRO CHEM 450L  
Description: Screen Wash

DATE PREPARED / REVISED:

August 14 2001

MANUFACTURER'S NAME

PHONE NUMBER:

Chemical Consultants, Inc.  
1850 Wild Turkey Circle  
Corona, CA 92880-1799 USA

(909)735-5511

## II. COMPONENT SAFETY DATA

Chemical Names	CAS Numbers	%	Exposure Limits in Air (give units)			Other (specify)
			ACGH TLV	OSHA PEL		
Propylene Glycol Ethers	Mixture		Not Est'd	Not Est'd		

## III. PHYSICAL PROPERTIES

Vapor density (air =1):	>1	Melting point or range, °F	NA
Specify gravity:	0.977	Boiling point or range, °F	420
Solubility in water:	complete	Evaporation rate (butyl acetate=1):	< 1
Vapor pressure, mmHg at 20 °C:	< 0.1	pH (1% solution):	7.15
Appearance and odor:	Clear liquid with minimal odor.		

## IV. FIRE AND EXPLOSION

Flash point, °F (give method): 221 (TCC)

Auto ignition temperature, °F: Not Tested

Flammable limits in air volume %: lower (LEL) Unknown upper (UEL) Unknown

Fire extinguishing materials:  water spray  carbon dioxide  other  
 foam  dry chemical

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: 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 and sparks.

Incompatibility (materials to avoid): Strong oxidizers and alkalis

Hazardous decomposition products (including combustion products): CO, CO<sub>2</sub>, & 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 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. Induce vomiting. Seek medical aid.

### SUSPECTED CANCER AGENT?

- NO:**  This product's ingredients are not found on the list below.
- YES:** Federal OSHA                      NTP                      IARC

**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 absorbant materials. Use appropriate personal protective equipment during clean up. Flush spill area w/ water

**Disposal Methods:** RCRA Class: Not regulated, EPA Hazardous substance RQ: not listed.

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 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 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.

## 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.

Ingredients are in full compliance with California Proposition 65 and contains no substances which are carcinogenic und Proposition 65 Toxic Risk Screening Procedures.

This product is not RCRA regulated as a solid waste.

Volatile Organic Compound (VOC) = 452 grams per liter or 3.76 lbs. per gallon. EPA Method 24.

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

Non-Photochemically Reactive.