

MATERIAL SAFETY DATA SHEET

I. GENERAL INFORMATION

TRADE NAME (as labeled): PRO CHEM 109G
Description: Screen Wash/Ink Degradent

DATE PREPARED / REVISED:

July 18 2000

MANUFACTURER'S NAME

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

PHONE NUMBER:

(909)735-5511

II. COMPONENT SAFETY DATA

Chemical Names	CAS Numbers	%	Exposure Limits in Air (give units)		
			ACGH TLV	OSHA PEL	Other (specify)
Dibasic Esters	Mixture	< 30	Not Est'd	Not Est'd	
Propylene Ethers	Mixture	< 10	Not Est'd	Not Est'd	
D'Limonene	Mixture	< 5	Not Est'd	Not Est'd	
Proprietary Detergents	Mixture	< 15	Not Est'd	Not Est'd	

III. PHYSICAL PROPERTIES

Vapor density (air =1): > 1
Specify gravity: 1.055
Solubility in water: Complete
Vapor pressure, mmHg at 20 °C: < .01
Appearance and odor: Yellow liquid with slight pleasant smelling odor.

Melting point or range, °F: Unknown
Boiling point or range, °F: 355
Evaporation rate (butyl acetate=1): < 1
pH (1% solution): 7

IV. FIRE AND EXPLOSION

Flash point, °F (give method): 205 (TCC)
Auto ignition temperature, °F: Unknown
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: 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 and 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, 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
- Chronic:** None known. animals when inhaled.

FIRST AID EMERGENCY PROCEDURES:

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

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 and pre-existing respiratory conditions.

VII. SPILL, LEAK, AND DISPOSAL PROCEDURES

- Spill response procedures (include employee protection measures):** Small spills may be wiped; Large spills may be water rinsed and flushed to drain.
- Disposal Methods:** May be supplied to biological treatment plant or 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:** General ventilation recommended.
- Eye protection (type):** Safety glasses.
- Gloves (specify material):** Nitrile gloves to prevent direct 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. Combustible, keep soiled rags in a proper container.

IX. REPORTING REQUIREMENTS & ADDITIONAL INFORMATION

- HMIS Code System Rating = Health 1; Flammability 1; Reactivity 0.
- NFPA 704 Code System Rating = Health 0; Flammability 1; Reactivity 0.
- Volatile Organic Compound (VOC) = 723 grams per liter or 6.03 lbs. per gallon (EPA Method 24)

This product contains no chemicals on the SARA Title III, Section 313 and 40 CFR/372, that are subject to reporting.

This product contains no Proposition 65 designated chemicals.

- Non-photochemically reactive.
- Biodegradable, considered drain safe into all sewer systems.
- Contains no chlorinated or petroleum hydrocarbons.