

# MATERIAL SAFETY DATA SHEET

## I. GENERAL INFORMATION

**TRADE NAME (as labeled):** MICROWASH- Revised  
Description: Screen Wash/Ink Degradent

**DATE PREPARED/ REVISED:**

January 01, 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	
Proprietary Detergents	Mixture	>15	Not Est'd	Not Est'd	
D'Limonene	Mixture	<5	Not Est'd	Not Est'd	
Propylene Glycol Ethers	Mixture	>15	Not Est'd	Not Est'd	

## III. PHYSICAL PROPERTIES

**Vapor density (air =1):** >1  
**Specify gravity:** 1.027  
**Solubility in water:** Complete  
**Vapor pressure, mmHg at 20 °C:** <5  
**Appearance and odor:**  
Yellow liquid with slight pleasant smelling odor.

**Melting point or range, °F** Unknown  
**Boiling point or range, °F** 210  
**Evaporation rate (butyl acetate =1):** <1  
**pH (1% solution):** 7.2

## IV. FIRE AND EXPLOSION

**Flash point, °F (give method):** 145°F  
**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:

Do not enter confined fire space without full bunker gear, including a positive pressure NIOSH approved self-contained 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, CO<sub>2</sub>, and unidentified organic compounds.

**Hazardous polymerization:** May occur  Will not occur

### Conditions to avoid:

Keep away from heat, flame, sparks.

**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, shortness of breath (coughing).

**Skin:** Mist may cause irritation of 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.

**Chronic:** None known.

**FIRST AID EMERGENCY PROCEDURES:**

**Eye contact:** Flush immediately with fresh water. Contact a physician if irritation or blurred vision occur.

**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 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:** RCRA Class: Not Regulated. EPA Hazardous substance reportable quantity: Not listed  
May be supplied to biological treatment plant (sewer) 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 0; Reactivity 0.

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

Volatile Organic Compound (VOC) = 339 grams per liter or 2.83 lbs. per gallon. Dilute 1:2 with water for clean-up of plastisol inks and 1:1 with water for cleaning of UV inks.

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

This product contains no Proposition 65 designated chemicals.

Biodegradable, considered drain safe into all sewer systems.

Contains no chlorinated or petroleum hydrocarbons.

Non-photochemically reactive.