

# MATERIAL SAFETY DATA SHEET

## I. GENERAL INFORMATION

TRADE NAME (as labeled): RTU  
Description: Ink Degradent Screen Wash

DATE PREPARED/ REVISED:

July 20, 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	<10	Not est'd	Not est'd	
Detergents	Mixture	>20	Not Es'td	Not est'd	

## III. PHYSICAL PROPERTIES

Vapor density (air =1):	>1	Melting point or range, °F	Unknown
Specify gravity:	0.996	Boiling point or range, °F	210
Solubility in water:	100%	Evaporation rate (butyl acetate =1):	>1
Vapor pressure, mmHg at 20 °C:	<2	pH (1% solution):	6.2

Appearance and odor:  
Colorless clear liquid with characteristic citrus odor.

## IV. FIRE AND EXPLOSION

Flash point, °F (give method): 136° (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:

Use self contained breathing apparatus and appropriate protective clothing.

### 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:

None known.

### Incompatibility (materials to avoid):

Acids, other oxidizers

### 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:

None known.

**VI. HEALTH HAZARD INFORMATION****SYMPTOMS OF OVEREXPOSURE for each potential route of exposure.****Inhaled:** None known.**Skin:** Irritation and drying of the dermal area.**Swallowed:** Gastric distress, nausea, vomiting**HEALTH EFFECTS OR RISKS FROM EXPOSURE: Explain in lay terms.****Acute:** Possible skin irritation.**Chronic:** Skin irritation, dermatitis.**FIRST AID EMERGENCY PROCEDURES:****Eye contact:** Flush with water.**Skin contact:** Remove contaminated clothing. Flush exposed areas with water.**Inhaled:** Remove victim to fresh air.**Swallowed:** Induce vomiting. Seek medical attention.**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**VII. SPILL, LEAK, AND DISPOSAL PROCEDURES****Spill response procedures (include employee protection measures):** Absorb small spills onto suitable absorbent.**Disposal Methods:** May be supplied to Municipal Sewer Systems when diluted >50:1 RCRA Class: 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**Ventilation and engineering controls:** General ventilation recommended.**Eye protection (type):** Safety glasses.**Gloves (specify material):** Nitrile Gloves.**Other clothing and equipment:** Adequate protective clothing 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.**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

Volatile Organic Compound (VOC) = 190 grams per liter 1.58 lbs. gallon, EPA Method 24

This product is not subject to the reporting requirements of SARA III, Sec 313

This product is in compliance with California SCAQMD Rule 1171 as a clean up material

Biodegradable, considered drain safe into all sewer systems

Contains no Proposition 65 designated chemicals.

Non-photochemically reactive.

Contains no chlorinated or petroleum hydrocarbons.