

# MATERIAL SAFETY DATA SHEET

## I. GENERAL INFORMATION

**TRADE NAME (as labeled):** LIQUID RENU-IT®  
Description: Ghost /Image Stain Remover

**DATE PREPARED/ REVISED:**

June 15, 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	
Propylene Glycol Ethers	Mixture	<10	Not Est'd	Not Est'd	
Caustic Potash	1310-58-3	<10	2mg/cu m	2mg/cu m	
Detergents	Mixture	>10	Not Est'd	Not Est'd	

## III. PHYSICAL PROPERTIES

**Vapor density (air =1):** .>1  
**Specify gravity:** 1.095  
**Solubility in water:** Complete  
**Vapor pressure, mmHg at 20 °C:** 0.05  
**Appearance and odor:**  
Liquid amber alkaline detergent with a low odor.

**Melting point or range, °F** Unknown  
**Boiling point or range, °F** 478  
**Evaporation rate (butyl acetate =1):** <1  
**pH (1% solution):** 10.5

## IV. FIRE AND EXPLOSION

**Flash point, °F (give method):** 186 (TCC)  
**Auto ignition temperature, °F:** Not Tested  
**Flammable limits in air volume %:**  
**Fire extinguishing materials:** water spray  lower (LEL) carbon dioxide  upper (UEL) other   
foam  dry chemical

### Special fire fighting procedures:

COMBUSTIBLE. Do not enter confined fire space without full bunker gear, including a pressure NIOSH approved self-contained breathing apparatus.

### Unusual fire and explosion hazards:

When diluted with water spray, product can produce a slippery, alkaline run-off.

## V. REACTIVITY DATA

**Stability:** Stable  Unstable

### Conditions to avoid:

Store in cool dry area.

### Incompatibility (materials to avoid):

Can chemically react with acids producing heat.

### Hazardous decomposition products (including combustion products):

None.

**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:** Possible irritant to nose and throat when breathing vapors.

**Skin:** Moderate skin irritant, possible blistering, burns.

**Swallowed:** Will cause irritation of the digestive tract, nausea

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

**Acute:** Possible burns to the skin with prolonged exposure. Severe eye irritant.

**Chronic:** None observed.

**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. Neutralize with a mild vinegar solution.

**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 to dilute. 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. Pre-existing respiratory conditions.

**VII. SPILL, LEAK, AND DISPOSAL PROCEDURES**

**Spill response procedures (include employee protection measures):** Small spills may be wiped.  
Contain large spills by diking.

**Disposal Methods:** May be supplied to biological treatment plant.

**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 skin with soap and water thoroughly after handling.

**Other handling and storage requirements:** Protect from physical damage

**IX. REPORTING REQUIREMENTS & ADDITIONAL INFORMATION**

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

NFPA 704 Code System Rating = Health 1; Flammability 2; Reactivity 0.

Volatile Organic Compound (VOC) = 206 grams per liter or 1.72 lbs. per gallon

This product contains no Proposition 65 designated chemicals.

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

Non-photochemically reactive.

Biodegradable, considered drain safe into all sewer systems.

Contains no chlorinated or petroleum hydrocarbons.