

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.