

MATERIAL SAFETY DATA SHEET

I. GENERAL INFORMATION

TRADE NAME (as labeled): LSR-30
Description: Ghost /Image Stain Remover

DATE PREPARED/ REVISED:

February 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	
Alkylphenol Detergents	Proprietary Blend	<20	Not Est'd	Not Est'd	
Sodium Hydroxide	1310-73-2	<10	2mg/m3	2mg/m3	(dust or mist)
Propylene Glycol Ether	Mixture	<10	Not Est'd	Not Est'd	

III. PHYSICAL PROPERTIES

Vapor density (air =1): >1
Specify gravity: 1.152
Solubility in water: Complete
Vapor pressure, mmHg at 20 °C: 0.17
Appearance and odor: Viscous liquid, amber in color. Low detergent odor.

Melting point or range, °F: Unknown
Boiling point or range, °F: 212
Evaporation rate (butyl acetate =1): <1
pH (1% solution): 11.9

IV. FIRE AND EXPLOSION

Flash point, °F (give method): 201 (TCC)
Auto ignition temperature, °F: Not Tested
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:

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 and /or defatting of skin tissue.

Swallowed: Will cause irritation of the digestive tract, nausea

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

Acute: Irritation 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: Never give anything by mouth to an unconscious or convulsive person. If swallowed, do not induce vomiting. Give large amounts of water. If vomiting occurs spontaneously, keep airway clear. Give more water when vomiting stops. GET MEDICAL ATTENTION IMMEDIATELY.

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): Small spills may be wiped; Large spills should be collected for re-use or disposal. Eliminate any source of ignition. Wear suitable protective clothing and boots.

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 1; Reactivity 0.

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

VOC 3.22 lbs/gal. or 387 gms per liter

100% of components in this product are on the TSCA List.

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.