

MATERIAL SAFETY DATA SHEET

I. GENERAL INFORMATION

TRADE NAME (as labeled): LSR/10 ®
Description: Liquid Haze Remover

DATE PREPARED/ REVISED:

May 08, 2008

MANUFACTURER'S NAME

Chemical Consultants, Inc.
1850 Wild Turkey Circle
Corona, CA 92880-1799 USA

PREPARER

H.S.D.

PHONE NUMBER:
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II. COMPONENT SAFETY DATA

Chemical Names	CAS Numbers	%	Exposure Limits in Air (give units)		Other (specify)
			ACGH TLV	OSHA PEL	
Caustic Potash	1310-58-3	<5	2mg/m3	2mg/m3	(as mist)
Sodium Hypochlorite	7681-52-9	<5	Not-Est'd	Not-Est'd	
Sodium Hydroxide	1310-73-2	<3	2mg/m3	2mg/m3	(Dust or mist)

III. PHYSICAL PROPERTIES

Vapor density (air =1): >1
Specify gravity: 1.2
Solubility in water: 100%
Vapor pressure, mmHg at 20 °C: NA
Appearance and odor: Clear liquid with slight detergent odor.

Melting point or range, °F: Unknown
Boiling point or range, °F: 210
Evaporation rate (butyl acetate =1): <1
pH (1% solution): 12.5

IV. FIRE AND EXPLOSION

Flash point, °F (give method): Non-flammable
Auto ignition temperature, °F: None
Flammable limits in air volume %: lower (LEL) NA upper (UEL) NA
Fire extinguishing materials: water spray _____ carbon dioxide _____ other _____
foam _____ dry chemical _____

Special fire fighting procedures:

Non-flammable, use self contained breathing apparatus and appropriate protective equipment.

Unusual fire and explosion hazards:

None

V. REACTIVITY DATA

Stability: Stable Unstable _____

Conditions to avoid:

Do not contaminate. Store in cool dry area.

Incompatibility (materials to avoid):

Acids, oxidizers, and reducing agents

Hazardous decomposition products (including combustion products):

May form chlorine.

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: Inhalation of vapors or mists may cause respiratory irritation. May cause chemical burns to the respiratory tract.

Skin: May cause irritation to the skin. Eye contact: Low concentrations of mists or vapors can be irritating, causing redness. Concentrated mists, vapors or splashed liquid can cause severe irritation, burns and possible permanent damage.

Swallowed: Ingestion may produce burns to the lips, mouth, upper airway, esophagus, and stomach. Will cause irritation of the digestive tract. Nausea. Intestinal burns possible.

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

Acute: Strong irritation and burns on skin and mucous membranes possible. Severe eye irritant.

Chronic: Prolonged contact can cause dermatitis.

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. Wear suitable protective clothing, boots, and eye protection

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 operating conditions. An appropriate NIOSH approved respirator with an organic vapor cartridge may be used.

Ventilation and engineering controls: Local exhaust to maintain below PEL

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 0; Reactivity 0.

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

Volatile Organic Compound (VOC)= None

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.