

# MATERIAL SAFETY DATA SHEET

## I. GENERAL INFORMATION

TRADE NAME (as labeled): LSR/20  
Description: Liquid Haze Remover

DATE PREPARED/ REVISED:

June 30, 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) (as mist)
			ACGH TLV	OSHA PEL	
Caustic Potash	1310-58-3	<5	2mg/m3	2mg/m3	
Sodium Hypochlorite	7681-52-9	<5	Not Est'd	Not Est'd	
Detergents	Mixture	>10	Not-Est'd	Not-Est'd	

## III. PHYSICAL PROPERTIES

Vapor density (air =1): >1  
Specify gravity: 1.18  
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): 12.2

## 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, other 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:** Possible irritant to nose and throat..

**Skin:** Moderate skin irritant, possible blistering and 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 with 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. GIVE 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 may should be collected for re-use or disposal. Wear suitable protective clothing and boots.

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

**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. If respiratory irritation is experienced,

**Ventilation and engineering controls:** General ventilation recommended.

**Eye protection (type):** Safety glasses.

**Gloves (specify material):** Nitrile gloves to prevent 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 = Health 2; Flammability 0; Reactivity 0.

Volatile Organic Compound (VOC) = None

This product contains no chemicals subject to the reporting requirements of SARA Title III, Section 313.

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.