

MATERIAL SAFETY DATA SHEET

I. GENERAL INFORMATION

TRADE NAME (as labeled): CITRA-PASTE
Description: Ink Degradent Screen Wash

DATE PREPARED/ REVISED:

May 09, 2008

MANUFACTURER'S NAME

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

PREPARER

H.S.D.

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II. COMPONENT SAFETY DATA

Chemical Names	CAS Numbers	%	Exposure Limits in Air (give units)		Other (specify)
			ACGH TLV	OSHA PEL	
d'Limonene	5989-27-5	<10	Not est'd	Not est'd	
Sodium Hypochlorite	7681-52-9	<7	Not est'd	Not est'd	
Propylene Ethers	Mixture	<10	100 PPM	100 PPM	(Recommended)

III. PHYSICAL PROPERTIES

Vapor density (air =1): >1
Specify gravity: 1.02
Solubility in water: 100 %
Vapor pressure, mmHg at 20 °C: 17.5 (water)
Appearance and odor:
Colorless, clear liquid with characteristic citrus odor.

Melting point or range, °F Unknown
Boiling point or range, °F 210°
Evaporation rate (butyl acetate =1): <1
pH (1% solution): 6

IV. FIRE AND EXPLOSION

Flash point, °F (give method): 136° F (TCC)
Auto ignition temperature, °F: Unknown
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:

Caution. Combustible. Do NOT enter confined fire space without full bunker gear, including a NIOSH approved self-contained breathing apparatus.

Unusual fire and explosion hazards:

Containers exposed to intense heat should be cooled with water to prevent vapor pressure build up, which could result in container rupture.

V. REACTIVITY DATA

Stability: Stable Unstable _____

Conditions to avoid:

Keep away from heat, flames and sparks. Do not store close to oxidizers.

Incompatibility (materials to avoid):

Acids and oxidizers.

Hazardous decomposition products (including combustion products):

CO , CO2 and unidentified organic compounds

Hazardous polymerization: May occur _____ Will not occur

Conditions to avoid:

None known.

SYMPTOMS OF OVEREXPOSURE for each potential route of exposure.

Inhaled: Inhalation of vapors or mists may cause respiratory irritation.

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.

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

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

Acute: Irritation on skin and mucous membranes possible. Eyes: irritant.

Chronic: Skin irritation, 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. If irritation occurs, seek medical aid.

Inhaled: If irritation occurs, move to fresh air.

Swallowed: Never give anything by mouth to an unconscious or convulsive person. If swallowed, do not induce vomiting. If vomiting occurs spontaneously, keep airway clear. 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 be collected for re-use or disposal. Eliminate all sources of ignition. Wear suitable protective clothing, boots, and eye protection.

Disposal Methods: May be supplied to biological treatment plant or incinerated. RCRA Class: Regulated. EPA Hazardous substance reportable quantity: Not listed.

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.

Other clothing and equipment: Adequate protective clothing to prevent skin contact.

Work practices, hygienic practices: Wash hands thoroughly after contact and before eating.

Other handling and storage requirements: Store away from ignition sources..

IX. REPORTING REQUIREMENTS & ADDITIONAL INFORMATION

HMIS Code System Rating = Health 1; Flammability 2; Reactivity 0

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

Volatile Organic Compound (VOC) = 310 grams per liter 2.58 lbs per gallon,

This product is not 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 when used as directed.

Non-photochemically reactive.

Biodegradable, considered drain safe into all sewer systems

Contains no chlorinated or petroleum hydrocarbons.