

MATERIAL SAFETY DATA SHEET

I. GENERAL INFORMATION

TRADE NAME (as labeled): EnviroSolv™
Description: Water-base Ink Wash

DATE PREPARED/ REVISED:

October 01, 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	
Citrus Terpenes	5989-27-5	< 3	Not-Est'd	Not-Est'd	
Propylene Ethers	Mixture	<20	Not-Est'd	Not-Est'd	
Surfactants	Mixture	>10	Not-Est'd	Not-Est'd	

III. PHYSICAL PROPERTIES

Vapor density (air =1): > 1
Specify gravity: .98
Solubility in water: 100%
Vapor pressure, mmHg at 20 °C: <2
Appearance and odor: clear liquid with slight citrus odor.

Melting point or range, °F: Unknown
Boiling point or range, °F: >200
Evaporation rate (butyl acetate =1): <1
pH (1% solution): 7.0

IV. FIRE AND EXPLOSION

Flash point, °F (give method): 145 (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 positive pressure 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. Solvent impregnated rags or wipes should be kept in tightly closed containers to prevent spontaneous combustion.

V. REACTIVITY DATA

Stability: Stable Unstable _____

Conditions to avoid:

Do not contaminate. Store in cool dry area

Incompatibility (materials to avoid):

Strong oxidizing agents, alkalis.

Hazardous decomposition products (including combustion products):

CO, CO₂, and unidentified organic compounds.

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: Mist may cause irritation of mucous membranes, nose, eyes, and throat.

Skin: May cause irritation or dermatitis in some individuals upon prolonged contact. Eye contact: Low concentrations of mists or vapors can be irritating, causing redness. Concentrated mists, vapors or splashed liquid can cause severe irritation.

Swallowed: May cause irritation of mouth and throat. Nausea and possible vomiting.

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

Acute: Skin irritation, headache, nausea.

Chronic: None known.

FIRST AID EMERGENCY PROCEDURES:

Eye contact: Flush immediately with fresh water for at least 15 minutes. Contact a physician.

Skin contact: Remove contaminated clothing. Wash with soap and water. If irritation occurs, seek medical aid.

Inhaled: Remove from source of irritation.

Swallowed: Do not induce vomiting. Seek medical aid. Never give anything by mouth to an unconscious person.

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: RCRA Class: Not Regulated. EPA Hazardous substance reportable quantity: Not listed. May be supplied to a 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

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 freezing.

IX. REPORTING REQUIREMENTS & ADDITIONAL INFORMATION

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

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

Volatile Organic Compound (VOC) = 180 gms per liter or 1.50 lbs/ gallon.

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

This product contains no Proposition 65 designated chemicals.

Non-photochemically reactive.

Biodegradable, considered drain safe.

Contains no chlorinated or petroleum hydrocarbons.

Does not contain components included on the list of Hazardous Air Pollutants (HAPS) from Title III of the Clean Air Act

This product is in compliance with California SCAQMD Rule 1171 as a clean up material (diluted 1:1 with water).