

# MATERIAL SAFETY DATA SHEET

## I. GENERAL INFORMATION

TRADE NAME (as labeled): EnviroLine® D-WHITE

Description: Discharge White Ink

DATE PREPARED/ REVISED:

March 08, 2011

### 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	%	ACGH TLV	OSHA PEL	Other (specify)
Petroleum Hydrocarbons	Mixture	< 15	Not Est'd	500 PPM	Recommended
Titanium Dioxide	13463-67-7	20-30	10mg/m3	15mg/m3	total dust

## III. PHYSICAL PROPERTIES

Vapor density (air =1):	N/A	Melting point or range, °F	NA
Specify gravity:	1.27	Boiling point or range, °F	>212
Solubility in water:	Miscible	Evaporation rate (butyl acetate =1):	<1
Vapor pressure, mmHg at 20 °C:	N/A	pH (1% solution):	7.8
Appearance and odor:	White viscous paste		

## IV. FIRE AND EXPLOSION

Flash point, °F (give method):	>212 (CC)		
Auto ignition temperature, °F:	Not determined		
Flammable limits in air volume %:	lower (LEL) Unknown	upper (UEL) Unknown	
Fire extinguishing materials:	water spray <input checked="" type="checkbox"/>	carbon dioxide <input checked="" type="checkbox"/>	other _____
	foam <input checked="" type="checkbox"/>	dry chemical <input checked="" type="checkbox"/>	

### 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. Solvent impregnated rags or wipes should be kept in a tightly closed container.

## V. REACTIVITY DATA

Stability: Stable  Unstable \_\_\_\_\_

### Conditions to avoid:

Keep away from heat, flame and sparks.

### Incompatibility (materials to avoid):

Strong oxidizers, and 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

**SYMPTOMS OF OVEREXPOSURE for each potential route of exposure.**

**Inhaled:** May cause irritation of mucous membranes, nose, eyes and throat.

**Skin:** No effect of exposure expected due to contact. May cause irritation or dermatitis in some individuals.

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

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

**Acute:** Skin irritation, defatting of natural oils causing dryness and redness

**Chronic:** None known

**FIRST AID EMERGENCY PROCEDURES:**

**Eye contact:** Immediately flush eyes with fresh water or use emergency eye wash station.

**Skin contact:** Remove contaminated clothing. Flush skin with fresh water.

**Inhaled:** Remove to fresh air.

**Swallowed:** Rinse mouth thoroughly with water. Do not induce vomiting. Seek medical aid.

**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):** Eliminate sources of ignition.

Small spills may be wiped. Large spills; dike area to stop spreading and recover product.

**Disposal Methods:** EPA hazardous substance reportable quantity. Not listed. RCRA Class: Not Regulated.

**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:** General to maintain concentrations below the PEL

**Eye protection (type):** Chemical safety goggles and/or safety glasses.

**Gloves (specify material):** Nitrile or neoprene gloves to prevent direct skin contact.

**Other clothing and equipment:** Adequate 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 and in a cool dry area.

Combustible: Keep soiled rags in a proper container.

**IX. REPORTING REQUIREMENTS & ADDITIONAL INFORMATION**

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

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

Volatile Organic Compound (VOC) = <15%

Contains no components subject to reporting under SARA Title III, Section 313 or section 40 CFR/372

This product contains no Proposition 65 designated chemicals.

Non-photochemically reactive.

All components in this product have been tested & listed in the TSCA inventory.