

MATERIAL SAFETY DATA SHEET

I. GENERAL INFORMATION

TRADE NAME (as labeled): NW INK WASH
Description: Multi-Purpose Screen Wash

DATE PREPARED/ REVISED:

June 15, 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) (Recommended)
			ACGH TLV	OSHA PEL	
Glycol Ethers	Mixture	>40	100 PPM	100 PPM	
Esters	Mixture	<15	Not Est'd	Not Est'd	
Detergents	Mixture	<5	Not Est'd	Not Est'd	
Propylene Glycol Ethers	Mixture	<5	Not Est'd	Not Est'd	
Pyrrolidones	Mixture	<5	Not Est'd	Not Est'd	

III. PHYSICAL PROPERTIES

Vapor density (air =1): >1
Specify gravity: 0.982
Solubility in water: 100%
Vapor pressure, mmHg at 20 °C: .14
Appearance and odor:
Yellow liquid with slight bubble gum odor.

Melting point or range, °F Unknown
Boiling point or range, °F 335°F
Evaporation rate (butyl acetate =1): <1
pH (1% solution):

IV. FIRE AND EXPLOSION

Flash point, °F (give method): 180 (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 approve 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 flames and sparks

Incompatibility (materials to avoid):

Strong oxidizing agent and strong alkalis and strong acids.

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: Irritation and drying of the dermal area 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 to dermal area.

Chronic: None known.

FIRST AID EMERGENCY PROCEDURES:

Eye contact: Flush immediately with water. If irritation persists, get medical aid.

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

Inhaled: Remove victim to fresh air. Provide oxygen breathing is difficult. Get medical attention

Swallowed: Do not induce vomiting. Seek medical attention.

CARCINOGENICITY? YES: _____ NO:

This product's ingredients are found in this list. Federal OSHA _____ NTP _____ IARC _____ ACGIH _____

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: No data found.

VII. SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill response procedures (include employee protection measures): Small spills may be wiped.

Contain large spills by diking.

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

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 use conditions

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. Store container in a cool dry area

Always keep container closed when not in use.

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) 6.33 lbs per gallon 760 grams per liter.

This product contains a chemical on the SARA Title III, Section 313 and 40 CFR/372, that are subject to reporting.

Chemical or Category: Glycol Ethers CAS Reg No: n/a Upperbound by weight 40%

Contains a Proposition 65 designated chemical.

Chemical or Category: Pyrolidone Cas Reg. No: n/a Upperbound by weight 5%

Contains no chlorinated or petroleum hydrocarbons.

Non-photochemically reactive.