

MATERIAL SAFETY DATA SHEET

I. GENERAL INFORMATION

TRADE NAME (as labeled): MICROWIPE
Description: Textile Ink Spray & Wipe/Recirculating Cleaner

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)
			ACGH TLV	OSHA PEL	
Citrus Terpenes	6989-27-5	>10	Not Est'd	Not Est'd	
Aromatic Hydrocarbons	64742-94-5	<10	100 PPM	100 PPM	
Petroleum Hydrocarbon	Mixture	>60	100 PPM	100 PPM	(Recommended)

III. PHYSICAL PROPERTIES

Vapor density (air =1): >1
Specify gravity: 0.7850
Solubility in water: None
Vapor pressure, mmHg at 20 °C: <.1
Appearance and odor:
Clear liquid with citrus odor.

Melting point or range, °F NA
Boiling point or range, °F 323
Evaporation rate (butyl acetate =1): <1
pH (1% solution): NA

IV. FIRE AND EXPLOSION

Flash point, °F (give method): 118 (TCC)
Auto ignition temperature, °F: Not tested
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:

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. Combustible: Solvent impregnated rags or wipes should be kept in a proper 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.

VI. HEALTH HAZARD INFORMATION**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 to causing dryness, 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: Drink large quantities of 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. Contain large spills by diking. Use appropriate personal protective equipment during clean up.

Disposal Methods: May be incinerated. EPA Hazardous substance reportable quantity: Not Listed. Not drain safe.
RCRA Class: 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. NIOSH approved respirator may be used for nuisance level organic vapor.

Ventilation and engineering controls: General

Eye protection (type): Chemical safety glasses.

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

Other clothing and equipment: Adequate to prevent direct 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.

Contains no Proposition 65 designated chemicals

Volatile Organic Compound (VOC) = 744 gms/L (6.2 lbs/gal)

This product contains a chemical subject to the reporting requirements of SARA Title III, Section 313 or Section 40 CFR/372