

MATERIAL SAFETY DATA SHEET

I. GENERAL INFORMATION

TRADE NAME (as labeled): GR-6V
Description: Ink Degradent

DATE PREPARED/ REVISED:

July 25, 2005

MANUFACTURER'S NAME

Chemical Consultants, Inc.
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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	
Propylene Glycol Ethers	Mixture	<15	Not Est'd	Not Est'd	
d-Limonene	5989-27-5	<5	Not Est'd	Not Est'd	
Esters	Mixture	>50	Not Est'd	Not Est'd	
Glycol Ethers	Mixture	<20	100 PPM	100 PPM	(recommended)
Detergents	Mixture	>5	Not Est'd	Not Es'td	

III. PHYSICAL PROPERTIES

Vapor density (air =1): >1
Specify gravity: 1.05
Solubility in water: Partial
Vapor pressure, mmHg at 20 °C: <.01
Appearance and odor: Water thin liquid with slightly pine ether-like smell.

Melting point or range, °F: Unknown
Boiling point or range, °F: 365
Evaporation rate (butyl acetate =1): <1
pH (1% solution):

IV. FIRE AND EXPLOSION

Flash point, °F (give method): 165(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:

Do not enter confined fire space without full bunker gear, including a positive pressure NIOSH approved self-contained breathing apparatus. Cool fire exposed containers with water.

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.

V. REACTIVITY DATA

Stability: Stable Unstable _____

Conditions to avoid:

Keep away from heat, flame, sparks and ignition sources.

Incompatibility (materials to avoid):

Strong oxidizing agents and reducing agents.

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: Will cause irritation of the mucous membranes, nose, eyes and throat. Coughing, difficulty in breathing.

Skin: May cause irritation, redness, swelling or dermatitis in some individuals upon prolonged contact.

Swallowed: Gastric distress, nausea.

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

Acute: Skin irritation, defatting of natural oils to dermal area. Eyes; mild irritant, blurred vision.

Chronic: None Known.

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: Remove victim to fresh air. Provide oxygen if breathing is difficult. Seek medical aid.

Swallowed: Do not induce vomiting. Drink large quantities of milk or water. 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): Absorb small spills onto suitable absorbent. Contain large spills by diking. Eliminate sources of ignition.

Disposal Methods: RCRA Class: Not regulated. May be supplied to 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): Butyl rubber or nitrile gloves to prevent direct skin contact.

Other clothing and equipment: Adequate to prevent skin contact.

Work practices, hygienic practices: Wash skin with soap and water thoroughly after handling.

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 704 Code System Rating = Health 1; Flammability 2; Reactivity 0.

Volatile Organic Compound (VOC) = 738 grams per liter or 6.15 lbs per gallon

This product contains a chemical subject to the reporting requirements of SARA Title III, Section 313.

This product contains no Proposition 65 designated chemicals.

Non-photochemically reactive.

Contains no chlorinated or petroleum hydrocarbons.

Biodegradable, considered drain safe into all sewer systems.