

MATERIAL SAFETY DATA SHEET

I. GENERAL INFORMATION

TRADE NAME (as labeled): GR-70
Description: Screen Wash/ Ink Degradent/Stain

DATE PREPARED/ REVISED:

July 01, 2005

MANUFACTURER'S NAME

Chemical Consultants, Inc.
1850 Wild Turkey Circle
Corona, CA 92880-1799 USA

PREPARER

J. Monte Ross
PHONE NUMBER:
(951)735-5511

II. COMPONENT SAFETY DATA

Chemical Names	CAS Numbers	%	Exposure Limits in Air (give units)		Other (specify)
			ACGH TLV	OSHA PEL	
Dibasic Esters	Mixture	>30	Not Est'd	Not Est'd	
Pyrolidones	Mixture	<7	Not Est'd	Not Est'd	
Detergents	Mixture	>5	Not Est'd	Not Est'd	

III. PHYSICAL PROPERTIES

Vapor density (air =1): >1
Specify gravity: 1.1126
Solubility in water: 100%
Vapor pressure, mmHg at 20 °C: 0.18
Appearance and odor: Yellow liquid with slight pleasant smelling odor.

Melting point or range, °F: Unknown
Boiling point or range, °F: 345
Evaporation rate (butyl acetate =1): <1
pH (1% solution): 7.15

IV. FIRE AND EXPLOSION

Flash point, °F (give method): 190(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:

CAUTION: COMBUSTIBLE. Do NOT enter confined fire space without full bunker gear including a positive pressure NIOSH approved self-contained breathing apparatus. Do not put fire out unless flow feeding it can be safely stopped.

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 heat, flames sparks. Avoid contact with strong oxidizing agents.

Incompatibility (materials to avoid):

Strong oxidizers agents 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: Mist may cause irritation of mucous membranes, nose eyes, throat.

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

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: Over exposure may result in reversible blurred vision. animal studies have disclosed a possible reproductive toxin

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: 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: RCRA Class: Not regulated. EPA Hazardous substance reportable quantity: Not listed. 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 operating 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: Store away from ignition sources.

IX. REPORTING REQUIREMENTS & ADDITIONAL INFORMATION

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

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

Volatile Organic Compound (VOC) = 702 grams per liter or 5.05 lbs per gallon.

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

This product contains a Proposition 65 designated chemical.

Chemical Category: Pyrrolidone CAS Reg No: n/a Upperbound by weight 7%

Non-photochemically reactive

Contains no chlorinated or petroleum hydrocarbons