

# MATERIAL SAFETY DATA SHEET

## I. GENERAL INFORMATION

TRADE NAME (as labeled): **HR-30**  
Description: **Screen Wash**

DATE PREPARED / REVISED:

August 28 2001

MANUFACTURER'S NAME

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

PHONE NUMBER:

(909)735-5511

## II. COMPONENT SAFETY DATA

Chemical Names	CAS Numbers	%	Exposure Limits in Air (give units)		
			ACGH TLV	OSHA PEL	Other (specify)
Propylene Glycol Ethers	Mixture	< 25	Not Est'd	Not Est'd	
Dibasic Acid Ester	1119-40-0	< 30	Not Est'd	Not Est'd	

## III. PHYSICAL PROPERTIES

Vapor density (air =1): > 1  
Specify gravity: 0.9794  
Solubility in water: Incomplete  
Vapor pressure, mmHg at 20 °C: 0.75 (calc.)  
Appearance and odor: Water thin liquid with slight ether-like smell.

Melting point or range, °F: Unknown  
Boiling point or range, °F: 385  
Evaporation rate (butyl acetate=1): < 1  
pH (1% solution): 7

## IV. FIRE AND EXPLOSION

Flash point, °F (give method): 135 (TCC)  
Auto ignition temperature, °F: Unknown  
Flammable limits in air volume %: lower (LEL) Unknown upper (UEL) Unknown  
Fire extinguishing materials:  water spray  carbon dioxide  other  
 foam  dry chemical

Special fire fighting procedures: Do NOT enter confined fire space without bunker gear, including a positive  
Do NOT enter confined fire space without bunker gear, including a positive

Unusual fire and explosion hazards: Containers exposed to intense heat should be cooled with water to prevent  
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## V. REACTIVITY DATA

Stability: Stable  Unstable

Conditions to avoid: Keep away from heat, flames, sparks and ignition sources. Avoid contact with strong oxidizing agents.

Incompatibility (materials to avoid): Strong oxidizing agents and reducing agents.

Hazardous decomposition products (including combustion products): Carbon monoxide, carbon dioxide

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 or throat. Coughing or 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. 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 if breathing is difficult. Get medical attention.  
**Swallowed:** Induce vomiting. Drink large quantities of milk or water. Seek medical attention.

### SUSPECTED CANCER AGENT?

- NO:**  This product's ingredients are not found on the list below.  
**YES:**  Federal OSHA  NTP  IARC

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** Pre-existing skin conditions.

## VII. SPILL, LEAK, AND DISPOSAL PROCEDURES

**Spill response procedures (include employee protection measures):** Small spills may be wiped; large spills may be absorbed on to suitable material.

**Disposal Methods:** R CRA Class: Regulated as ignitable. EPA Hazardous substance RQ: Not Listed

**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 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. Combustible, keep soiled rags in proper container. Store in cool dry place. Always keep container closed when not in use.

## IX. REPORTING REQUIREMENTS & ADDITIONAL INFORMATION

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

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

Volatile Organic Compound(VOC) = 4.83 lbs. per gallon or 580 grams per liter.

This product contains no chemicals subject to the reporting requirements of SARA Title III, Section 313.

This product is in compliance with California SCAQMD Rule 1171 as a clean up material.

Contains no Proposition 65 designated chemicals.

Non-photochemically reactive.

Contains no chlorinated or petroleum hydrocarbons.