

MATERIAL SAFETY DATA SHEET

I. GENERAL INFORMATION

TRADE NAME (as labeled): TS-305
Description: Press Wash /Recir.Screen Cleaner

DATE PREPARED/ REVISED:

July 20, 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	5989-27-5	>40	Not Est'd	Not Est'd	
Mixture Detergents	8008-57-9	<5	Not Est'd	Not Est'd	
Orange Oil	5989-27-5	<10	Not Est'd	Not Est'd	
Esters	Mixture	>10	Not Est'd	Not Est'd	
Petroleum Hydrocarbons	Mixture	<15	Not Est'd	Not Est'd	
Propylene Glycol Ethers	Mixture	<20	Not Est'd	Not Est'd	

III. PHYSICAL PROPERTIES

Vapor density (air =1): >1
Specify gravity: 0.84
Solubility in water: Emulsifies
Vapor pressure, mmHg at 20 °C: <2
Appearance and odor: Clear, mobile liquid with slight pleasant odor.

Melting point or range, °F: Unknown
Boiling point or range, °F: >300° F
Evaporation rate (butyl acetate =1): <1
pH (1% solution): 7.1

IV. FIRE AND EXPLOSION

Flash point, °F (give method): 126 (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 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. Solvent impregnated rags or wipes should be kept in tightly closed containers to prevent spontaneous combustion.

V. REACTIVITY DATA

Stability: Stable Unstable _____

Conditions to avoid:

None known.

Incompatibility (materials to avoid):

Strong oxidizing agents, 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, and 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, headache, nausea.

Chronic: None known.

FIRST AID EMERGENCY PROCEDURES:

Eye contact: Flush immediately with fresh water for at least 15 minutes. Contact a physician.

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. 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 or respiratory 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: May be incinerated. RCRA Class: Regulated. Not drain safe. Do not allow entry into sewer or septic systems. 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): Nitrile (Buna N) gloves to prevent direct skin contact.

Other clothing and equipment: Adequate protective clothing to prevent skin contact.

Work practices, hygienic practices: Wash thoroughly after handling.

Other handling and storage requirements: Store away from ignition sources. 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) = 715 gms per liter or 5.95 lbs/ gallon.

This product contains no chemicals on the SARA Title III, Section 313 that are subject to reporting.

This product contains no Proposition 65 designated chemicals.

Non-photochemically reactive.