

MATERIAL SAFETY DATA SHEET

I. GENERAL INFORMATION

TRADE NAME (as labeled): RC-302
Description: Recirculating Cleaner

DATE PREPARED/ REVISED:

January 13, 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	
Esters	Mixture	<60	Not Est'd	Not Est'd	
Aromatic Hydrocarbon	64742-94-5	<20	Not Est'd	Not Est'd	
Glycol	111-76-2	<25	20ppm	25ppm	

III. PHYSICAL PROPERTIES

Vapor density (air =1): >1
Specify gravity: .99
Solubility in water: Partial
Vapor pressure, mmHg at 20 °C: <1
Appearance and odor: Amber liquid with mild odor.

Melting point or range, °F: Unknown
Boiling point or range, °F: >350°F
Evaporation rate (butyl acetate =1): <1
pH (1% solution): N/A

IV. FIRE AND EXPLOSION

Flash point, °F (give method): 158°F (TCC)
Auto ignition temperature, °F: Unknown
Flammable limits in air volume %: lower (LEL) 1.1 upper (UEL) No Data
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 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 and sparks.

Incompatibility (materials to avoid):

Strong oxidizing agents, acids.

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: No effect of exposure 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 causing dryness and redness.

Chronic: None known.

FIRST AID EMERGENCY PROCEDURES:

Eye contact: Immediately flush eyes with fresh water for at least 15 minutes. If irritation persists, seek medical aid.

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: Preexisting skin conditions.

VII. SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill response procedures (include employee protection measures):

Eliminate sources of ignition. Absorb large spills with absorbent materials. Use appropriate personal protective equipment during clean up.

Disposal Methods: May be incinerated. RCRA Class: Regulated EPA hazardous substance reportable quantity: 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.

Eye protection (type): Chemical safety goggles.

Gloves (specify material): Nitrile gloves to prevent 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, and in a cool, dry area. Combustible: Keep soiled rags in proper container.

IX. REPORTING REQUIREMENTS & ADDITIONAL INFORMATION

HMIS Code System Rating= Health 2: Flammability 2: Reactivity 0.

NFPA Code System Rating= Health 2: Flammability 2: Reactivity 0.

Volatile organic Compound (VOC)= 979 Grams/ Liter (8.16 lbs. / Gallon)