

# MATERIAL SAFETY DATA SHEET

## I. GENERAL INFORMATION

TRADE NAME (as labeled): TS-305  
Description: Multipurpose Solvent Cleaner

DATE PREPARED / REVISED:

July 15 2000

### 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)
Orange Oil	8008-57-9		Not Est'd	Not Est'd	
Terpenes	5989-27-5		Not Est'd	Not Est'd	

## III. PHYSICAL PROPERTIES

Vapor density (air =1):	> 1	Melting point or range, °F	Unknown
Specify gravity:	0.8488	Boiling point or range, °F	> 306
Solubility in water:	Emulsifies	Evaporation rate (butyl acetate=1):	< 1
Vapor pressure, mmHg at 20 °C:	1.7 (calc)	pH (1% solution):	7.1

Appearance and odor: Clear, mobile liquid with slight pleasant smelling odor.

## IV. FIRE AND EXPLOSION

Flash point, °F (give method):	124 (TCC)		
Auto ignition temperature, °F:	Unknown		
Flammable limits in air volume %:		lower (LEL) Unknown	upper (UEL) Unknown
Fire extinguishing materials:	<input checked="" type="checkbox"/> water spray	<input checked="" type="checkbox"/> carbon dioxide	<input type="checkbox"/> other
	<input checked="" type="checkbox"/> foam	<input checked="" type="checkbox"/> dry chemical	

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.

## 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, CO<sub>2</sub>, 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.

**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 or respiratory conditions.

**VII. SPILL, LEAK, AND DISPOSAL PROCEDURES**

**Spill response procedures (include employee protection measures):** Absorb small spills onto suitable absorbent.

**Disposal Methods:** May be incinerated. RCRA Class: Regulated.

Not drain safe. Do not allow entry into sewer or septic systems.

**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:** None required.

**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 0; Flammability 2; Reactivity 0.

Volatile Organic Compound(VOC) = 176 grams per liter or 1.47 lbs. per gallon.

This product contains no chemicals on the SARA Title III, Section 313 and 40 CFR/372, that are subject to reporting.

This product contains no Proposition 65 designated chemicals.

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

Non-photochemically reactive.