

MATERIAL SAFETY DATA SHEET

I. GENERAL INFORMATION

TRADE NAME (as labeled): SR-97
Description: Spot Remover

DATE PREPARED/ REVISED:

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MANUFACTURER'S NAME

Chemical Consultants, Inc.
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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	
Perchloroethylene	127-18-4	<30	25 PPM	100 PPM	
Dichloromethane	75-09-2	>50	25 PPM	25 PPM	Action level 12.5 ppm

III. PHYSICAL PROPERTIES

Vapor density (air =1): >1
Specify gravity: 1.363
Solubility in water: Nil
Vapor pressure, mmHg at 20 °C: >300
Appearance and odor: Clear liquid with strong characteristic odor.

Melting point or range, °F: Unknown
Boiling point or range, °F: 104
Evaporation rate (butyl acetate =1): 11
pH (1% solution): NA

IV. FIRE AND EXPLOSION

Flash point, °F (give method): No flash to boiling
Auto ignition temperature, °F: Not Tested
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:
Non-flammable, does not support combustion.

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:

Incompatibility (materials to avoid):

Strong oxidizing, reducing agents, aluminum.

Hazardous decomposition products (including combustion products):

CO, CO₂, Phosgene, HCL and other 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: May cause serious nervous system depression. Vapor harmful, acts as an anesthetic. Exposure can cause elevated carbon monoxide levels in blood.

Skin: Skin irritant mainly through drying & defatting of tissues.

Swallowed: Keep away from food. Ingestion can cause abdominal irritation nausea, vomiting & diarrhea.

HEALTH EFFECTS OR RISKS FROM EXPOSURE: Explain in lay terms.

Acute: Over exposure may cause damage to kidneys, blood, nerves, liver & lungs.

Chronic: Potential cancer hazard based on lab test animals. Can cause damage to kidneys, blood, nerves, liver, lungs & heart.

FIRST AID EMERGENCY PROCEDURES:

Eye contact: Flush immediately with fresh water. 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: Do NOT induce vomiting. Seek medical attention.

CARCINOGENICITY? YES: **NO:**

This product's ingredients are found in this list. Federal OSHA NTP IARC ACGIH

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Persons with tumors, severe heart, skin, liver or kidney problems should avoid use.

VII. SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill response procedures (include employee protection measures): Absorb small spills onto suitable absorbent. Contain large spills by diking.

Disposal Methods: May not be disposed of in sewer or landfill. Evaporate to dryness or contact disposal service company.

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 to maintain concentrations below the PEL

Eye protection (type): Safety glasses.

Gloves (specify material): Nitrile (Buna N)

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 containers in cool, dry area

IX. REPORTING REQUIREMENTS & ADDITIONAL INFORMATION

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

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

This product contains California Proposition 65 chemicals.

Users of this product must monitor the workers environment for the "action level" concentrations

Contains no Volatile Organic Compounds (VOC), Components exempt.

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

This product contains toxic chemicals subject to the reporting requirements of SARA Title III, Section 313.

This product requires air monitoring and medical surveillance if individuals are subjected to higher than action level concentrations

DOT Proper Shipping Name: Toxic Liquid, Organic, n.o.s.(contains Dichloromethane), 6.1,UN 2810, PG III