

MATERIAL SAFETY DATA SHEET

I. GENERAL INFORMATION

TRADE NAME (as labeled): GR-19
Description: Spray & Wipe Press Wash

DATE PREPARED / REVISED:

August 21 1996

MANUFACTURER'S NAME:

PHONE NUMBER:

Chemical Consultants, Inc.
1850 Wild Turkey Circle
Corona, CA 91720 USA

(909)735-5511

II. COMPONENT SAFETY DATA

Chemical Names	CAS Numbers	%	Exposure Limits in Air (give units)		
			ACGH TLV	OSHA PEL	Other(specify)
Dimethyl Ketone	67-64-1	< 5	750 ppm	750 ppm	
2-Butanone	78-93-3	< 5	200 ppm	200 ppm	
Methylchloroform	71-55-6	> 10	350 ppm	350 ppm	

III. PHYSICAL PROPERTIES

Vapor density (air =1): > 1
Specify gravity: 1.022
Solubility in water: Partial
Vapor pressure, mmHg at 20 °C: 4.8
Appearance and odor: Yellow liquid with slight pleasant smelling odor.

Melting point or range, °F: Unknown
Boiling point or range, °F: 191
Evaporation rate (butyl acetate=1): < 1

IV. FIRE AND EXPLOSION

Flash point, °F (give method): 121 (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: Caution. Combustible. Do NOT enter confined fire space without full bunker gear, including a 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 a tightly closed container.

V. REACTIVITY DATA

Stability: Stable Unstable
Conditions to avoid: Keep away from heat, flame and sparks.

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

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

- Acute:** Skin irritation, defatting of natural oils to dermal area.
Chronic: Vapors can be absorbed in toxic amounts with continued over exposure.

FIRST AID EMERGENCY PROCEDURES:

- Eye contact:** Flush immediately with fresh water for at least 15 minutes. Contact a physician if irritation persists.
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. Drink large quantities of milk or water. 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 pre-existing respiratory problems.

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. Flush spill area with water.

Disposal methods: RCRA Class: Not regulated. EPA Hazardous substance reportable quantity: Not listed. May be supplied to biological treatment plant or incinerated.

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: Local exhaust to maintain below PEL.

Eye protection (type): Safety glasses.

Gloves (specify material): Nitrile or neoprene 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 and in a cool, dry area. 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) =525 grams per liter or 4.37lbs. per gallon.

This product contains no Proposition 65 designated chemicals.

Non-photochemically reactive.

WARNING: Manufactured with 1,1,1 - Trichloroethane(methyl chloroform), a substance which harms public health and the environment by destroying ozone in the upper atmosphere.