

# LITHCO MATERIAL SAFETY DATA SHEET

## SECTION I: PRODUCT IDENTIFICATION

**TRADE NAME** (as labeled) **WM WASH**

**MANUFACTURER'S NAME:** Lithco, Inc. • 9449 Jefferson Blvd. • Culver City, CA 90232-2913

**PHONE NUMBER FOR ADDITIONAL INFORMATION:** (310) 559-7770 or (800) 454-8426

**FAX NUMBER FOR ADDITIONAL INFORMATION:** (310) 559-6908 or (888) 454-8426

**EMERGENCY INFORMATION:** For chemical emergency, spill, leak, fire, exposure or accident call Infotrac, day or night, at (800) 535-5053.

**DATE PREPARED OR REVISED:** 7-5-02 (Replaces 2-3-98)

**PREPARED BY** (optional):

## SECTION II: HAZARDOUS INGREDIENTS

			EXPOSURE LIMITS		
Chemical Names	CAS Numbers	%	ACGIH TLV	OSHA PEL	OTHER
Stoddard Solvent	64742-88-7		100 ppm air	100 ppm air	N/A
Toluene	108-88-3		150 ppm air	100 ppm air	N/A
2-ethoxyethanol	110-80-5		5 ppm skin	200 ppm skin	N/A

**HMIS RATING:** Health: 2 Fire: 2 Reactivity: 0 Personal protection: B

## SECTION III: PHYSICAL PROPERTIES

**VAPOR DENSITY (AIR = 1):** 4.45

**MELTING POINT/RANGE:** N/A

**SPECIFIC GRAVITY:** 0.778

**BOILING POINT/RANGE:** 231 - 349 °F

**SOLUBILITY IN WATER:** 6 %

**EVAPORATION RATE (BuAc = 1):** 2.66

**VAPOR PRESSURE, mm Hg @ 20 degrees C.:** 39.3

**APPEARANCE AND ODOR:** water white liquid, sweet odor

**This product contains 99 % VOC by formulation. VOC = 6.49 LB/GAL or 778 GM/LITER.**

**This product is not photochemically reactive.**

## SECTION IV: FIRE AND EXPLOSION

**FLASH POINT, degrees F. (give method):** 101 TCC (estimate)

**AUTO-IGNITION TEMPERATURE, degrees F.:** N/D

**FLAMMABLE LIMITS IN AIR (VOLUME %), LOWER:** 1% **UPPER:** 15.6%

**FIRE EXTINGUISHING MATERIALS:**

WATER SPRAY: <b>XX</b>	FOAM: <b>XX</b>	CARBON DIOXIDE: <b>XX</b>	DRY CHEMICAL: <b>XX</b>	OTHER: N/A
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**SPECIAL FIRE FIGHTING PROCEDURES:** Fire fighting personnel should wear full bunker gear with NIOSH approved SCBA.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Cool exposed containers with water fog to prevent explosions.

*This form complies with and is essentially similar to OSHA Form 174 as specified in 29CFR 1910.1200 (Federal OSHA Hazard Communication Standard) and complies with requirements of CAL/OSHA.*

**SECTION V: HEALTH HAZARD INFORMATION**

**SYMPTOMS OF OVEREXPOSURE FOR EACH POTENTIAL ROUTE OF EXPOSURE**

**INHALED:** Vapors may cause irritation to mucosal membranes and respiratory tract. High vapor concentrations may cause CNS depression and cause liver, kidney and blood-forming organ damage.

**CONTACT WITH SKIN OR EYES:** Irritating to skin and eyes. May be absorbed through skin. Symptoms similar to inhalation.

**ABSORBED THROUGH SKIN:** Kidney damage evidenced by changes in urine output or appearance. Liver damage evidenced by loss of appetite or jaundice and sometimes pain in upper right abdomen. Damage to blood-forming organs may be evidenced by easy fatigue and pallor.

**SWALLOWED:** Symptoms essentially the same as absorption. May cause vomiting. Avoid aspiration of vomitus into lungs as even small amounts may cause aspiration pneumonitis.

**HEALTH EFFECTS OR RISKS FROM EXPOSURE (Explain in lay terms)**

**ACUTE:** Irritation as noted above. CNS depression may be evidenced by giddiness, headache, dizziness and nausea.

**CHRONIC:** Unconsciousness and death may occur. Aspiration pneumonitis may be evidenced by coughing, labored breathing and cyanosis (bluish skin). Other symptoms above.

**FIRST AID EMERGENCY PROCEDURES**

**EYE CONTACT:** Flush with running water for at least 15 minutes while holding eyelids open. Get medical attention.

**SKIN CONTACT:** Remove contaminated clothing. Wash affected area with soap and water. Seek medical attention if irritation persists. Do not re-use contaminated clothing until properly laundered.

**INHALED:** Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration or CPR if breathing stops. Get medical attention.

**SWALLOWED:** Do not give liquids to unconscious person. Otherwise give 2 glasses of water and induce vomiting while keeping victim's head below hips. Get immediate medical attention.

**SUSPECTED CANCER AGENT?**

**NO.** THIS PRODUCT'S INGREDIENTS ARE NOT FOUND IN THE LISTS BELOW.

**YES.**  FEDERAL OSHA  NTP  IARC

California employers using CAL/OSHA regulated carcinogens must register with CAL/OSHA. The CAL/OSHA and Federal OSHA carcinogen lists are similar.

**CALIFORNIA PROP. 65 STATEMENT**

THIS PRODUCT CONTAINS TOLUENE AND 2-ETHOXYETHANOL, CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR CAUSE REPRODUCTIVE HARM.

**PRE-EXISTING MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** Pre-existing eye, skin, respiratory, liver, kidney and blood-forming organ functions may be aggravated.

**SECTION VI: REACTIVITY DATA**

**PRODUCT IS XXX STABLE \_\_\_\_\_ UNSTABLE**

**CONDITIONS TO AVOID:** Avoid contact with heat, sparks and open flame.

**INCOMPATIBILITY** (materials to avoid): Strong oxidizing agents, sources of ignition

**HAZARDOUS DECOMPOSITION PRODUCTS, INCLUDING COMBUSTION:** Carbon monoxide, carbon dioxide, unburned hydrocarbons

**HAZARDOUS POLYMERIZATION \_\_\_\_\_ MAY OCCUR XXX WILL NOT OCCUR.**

**CONDITIONS TO AVOID:** None known under normal product use.

**SECTION VII: SPILL, LEAK AND DISPOSAL PROCEDURES**

**SPILL RESPONSE PROCEDURES, INCLUDING EMPLOYEE PROTECTION:** Extinguish all sources of ignition. Contain spill. Wear SCBA for concentrations above TLV. Use non-sparking tools for clean-up. Soak up spill with inert absorbent material.

**PREPARING WASTES FOR DISPOSAL** (containers, neutralization, etc.): Place in leakproof container suitable for product and transportation of hazardous waste.

NOTE: DISPOSE OF ALL WASTES IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

**SECTION VIII: SPECIAL HANDLING INFORMATION**

**VENTILATION AND ENGINEERING CONTROLS:** Provide ventilation to keep airborne concentration below TLV.

**RESPIRATORY PROTECTION (TYPE):** NIOSH/MCA approved for organic vapors for concentrations above TLV.

**EYE PROTECTION (TYPE):** Splashproof chemical goggles

**GLOVES (SPECIFY MATERIAL):** Neoprene, nitrile or PVC. Gloves should be worn at all times when handling this material.

**OTHER CLOTHING AND EQUIPMENT:** Eyewash station and safety shower should be provided.

**WORK PRACTICES, HYGIENIC PRACTICES:** Wash hands thoroughly after use and before eating, drinking, smoking or using the toilet.

**OTHER HANDLING AND STORAGE REQUIREMENTS:** Keep containers closed when not in use. Do not use near sources of ignition. Keep from children. Avoid prolonged or repeated contact with skin or breathing of vapors. For industrial use only.

**PROTECTIVE MEASURES DURING MAINTENANCE OF CONTAMINATED EQUIPMENT:** Use protective gear as indicated above. Do not start electrical equipment in presence of vapors.

**SECTION IX: SHIPPING INFORMATION**

**FULL DOT SHIPPING NAME:** Compound, cleaning liquid (Petroleum distillate)

**DOT HAZARD CLASS:** 3

**PACKING GROUP:** III

**UN/NA NUMBER:** NA 1993

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**SECTION X: ENVIRONMENTAL STATEMENT**

**THIS PRODUCT IS SUBJECT TO REPORTING ACCORDING TO SARA, TITLE III (SUPERFUND AMENDMENT).**  
(RQ 12,500 lb., Hazardous Waste No. U220)

Information contained in this safety data sheet is drawn from recognized sources and is believed to be accurate and correct as of the date of issue. It is presented for your evaluation of the suitability of the product and for compliance with federal and state regulations. No claims are made for the accuracy, completeness and reliability of the information contained herein.