

# LITHCO MATERIAL SAFETY DATA SHEET

## SECTION I: PRODUCT IDENTIFICATION

**TRADE NAME** (as labeled) Lithco Silvermaster Deletion Pen - Fine or Broad Point

**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
Sodium Hypochlorite	7681-52-9		Not Established	Not Established	NA
Potassium Sulfite	10117-38-1		Not Established	Not Established	NA
Acetic Acid	64-19-7		10 ppm	NA	NA

HMIS RATING: Health: 1 Fire: 0 Reactivity: 0 Personal protection: A

## SECTION III: PHYSICAL PROPERTIES

VAPOR DENSITY (AIR = 1): 1.0

MELTING POINT/RANGE: 23°F

SPECIFIC GRAVITY: 2.0

BOILING POINT/RANGE: 217°F

SOLUBILITY IN WATER: 100 %

EVAPORATION RATE (BuAc = 1): 1.3

VAPOR PRESSURE, mm Hg @ 20 degrees C.: 17

APPEARANCE AND ODOR: colorless, mild odor

This product contains 0 % VOC by formulation. VOC = 0 LB/GAL or 0 GM/LITER.

This product is not photochemically reactive.

## SECTION IV: FIRE AND EXPLOSION

FLASH POINT, degrees F. (give method): None

AUTO-IGNITION TEMPERATURE, degrees F.: Not Determined

FLAMMABLE LIMITS IN AIR (VOLUME %), LOWER N.D. UPPER N.D.

FIRE EXTINGUISHING MATERIALS:

WATER SPRAY **XX** FOAM **XX** CARBON DIOXIDE **XX** DRY CHEMICAL **XX** OTHER

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear SCBA in the event large quantities of product are involved in a fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

*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:** Not an expected route of exposure.

**CONTACT WITH SKIN OR EYES:** May cause irritation or drying of skin. Will be severely irritating to eyes.

**ABSORBED THROUGH SKIN:** Not an expected route of exposure.

**SWALLOWED:** Irritation to mouth and digestive tract.

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

**ACUTE:** Drying of skin. Irritation to skin and eyes.

**CHRONIC:** Prolonged breathing of vapors in a concentrated form may be irritating to respiratory system mucous membranes.

**FIRST AID EMERGENCY PROCEDURES**

**EYE CONTACT:** Flush eyes for 15 minutes with running water. Seek medical assistance if irritation persists.

**SKIN CONTACT:** Wash exposed area with soap and water after removing any contaminated clothing. Apply first aid cream to area if irritated. See physician if irritation persists. Do not use contaminated clothing until laundering first.

**INHALED:** Remove victim to fresh air. If breathing stops, administer artificial respiration or CPR and seek immediate medical help.

**SWALLOWED:** Induce vomiting with warm salt water. Seek immediate medical assistance.

**SUSPECTED CANCER AGENT?**

XXX 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 DOES NOT CONTAIN CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR CAUSE REPRODUCTIVE HARM.

**PRE-EXISTING MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE**

None known at time of preparation.

**SECTION VI: REACTIVITY DATA**

PRODUCT IS XXXXX STABLE \_\_\_\_ UNSTABLE

**CONDITIONS TO AVOID:** None known

**INCOMPATIBILITY (materials to avoid):** None known

**HAZARDOUS DECOMPOSITION PRODUCTS, INCLUDING COMBUSTION:** Thermal decomposition will yield carbon monoxide and carbon dioxide from the pen barrel. Fluid will yield acetic acid vapors in low concentrations.

HAZARDOUS POLYMERIZATION \_\_\_\_\_ MAY OCCUR XXXX WILL NOT OCCUR.

CONDITIONS TO AVOID: None known

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

SPILL RESPONSE PROCEDURES, INCLUDING EMPLOYEE PROTECTION: Wear protective gloves. Dilute with water. Soak-up with inert absorbent.

PREPARING WASTES FOR DISPOSAL (containers, neutralization, etc.): Dilute with water.

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

**SECTION VIII: SPECIAL HANDLING INFORMATION**

VENTILATION AND ENGINEERING CONTROLS: Local exhaust for personal comfort levels.

RESPIRATORY PROTECTION (TYPE): NIOSH approved for organic acid vapors for concentrations above TLV

EYE PROTECTION (TYPE): Splashproof chemical goggles

GLOVES (SPECIFY MATERIAL): Vinyl, PVC, neoprene or nitrile

OTHER CLOTHING AND EQUIPMENT: Eyewash station should be provided.

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

OTHER HANDLING AND STORAGE REQUIREMENTS: Keep pen tightly capped when not in use. Keep from reach of children. For industrial use only.

PROTECTIVE MEASURES DURING MAINTENANCE OF CONTAMINATED EQUIPMENT: Follow precautions outlined in other areas of this MSDS. No other special precautions required.

**SECTION IX: SHIPPING INFORMATION**

FULL DOT SHIPPING NAME: Chemicals, N.O.S., Non-Hazardous

DOT HAZARD CLASSIFICATION: Not Hazardous UN/NA NUMBER: None assigned

**SECTION X: ENVIRONMENTAL STATEMENT**

THIS PRODUCT IS NOT SUBJECT TO REPORTING ACCORDING TO SARA, TITLE III (SUPERFUND AMENDMENT).

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.