

LITHCO MATERIAL SAFETY DATA SHEET

SECTION I: PRODUCT IDENTIFICATION

TRADE NAME (as labeled) One Step Fountain Solution for High-Speed Web Presses (Rosos Style)

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: 2/27/03

PREPARED BY (optional):

SECTION II: HAZARDOUS INGREDIENTS

			EXPOSURE LIMITS		
Chemical Names	CAS Numbers	%	ACGIH TLV	OSHA PEL	OTHER
2-(2-butoxy)ethanol	112-34-5	5	N.E.	N.E.	N/E

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

SECTION III: PHYSICAL PROPERTIES

VAPOR DENSITY (AIR = 1): >1

MELTING POINT/RANGE: N.D.

SPECIFIC GRAVITY: 1.02

BOILING POINT/RANGE: 212 - 447° F

SOLUBILITY IN WATER: 100%

EVAPORATION RATE (BuAc = 1): <1

VAPOR PRESSURE, mm Hg @ 20 degrees C: N.D.

APPEARANCE AND ODOR: Green liquid, sweetish odor

This product contains 10.12 % VOC by formulation. VOC = 0.858 LB/GAL.

This product is not photochemically reactive.

SECTION IV: FIRE AND EXPLOSION

FLASH POINT, degrees F. (give method): ≥ 200 TCC

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

FLAMMABLE LIMITS IN AIR (VOLUME %), LOWER 0.9% UPPER N.D.%

FIRE EXTINGUISHING MATERIALS:

WATER SPRAY: XX	FOAM: XX	CARBON DIOXIDE: XX	DRY CHEMICAL: XX	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: Inhalation of excessive quantities of vapors may cause irritation of the nose, throat and respiratory tract, as well as headache, nausea, dizziness, loss of coordination and fatigue.

CONTACT WITH SKIN OR EYES: May cause mild to moderate skin and eye irritation. Direct contact or excessive exposure to vapors may cause redness, tearing and stinging of the eye. Prolonged or repeated exposure may result in contact dermatitis which is characterized by redness, itching, drying and/or cracking of the skin.

ABSORBED THROUGH SKIN: Skin absorption over prolonged periods of time may result in kidney damage and blood disorders.

SWALLOWED: Ingestion may cause gastrointestinal irritation, headache, nausea, vomiting, diarrhea, dizziness, loss of coordination and fatigue.

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

ACUTE: Eye and skin irritation, irritation of mucosal membranes, headache, dizziness, nausea.

CHRONIC: Kidney and blood disorders are possible. May cause central nervous system effects.

FIRST AID EMERGENCY PROCEDURES

EYE CONTACT: Flush eyes for at least 15 minutes with running water 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 wear contaminated clothing until properly laundered.

INHALED: Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration or CPR if not breathing. Seek medical attention.

SWALLOWED: Ingestion is an unlikely route of exposure. If appreciable amounts of this product are accidentally swallowed, give victim large amounts of water and seek immediate medical attention.

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: Pre-existing skin disorders may be aggravated by exposure to this product.

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 and unburned hydrocarbons

HAZARDOUS POLYMERIZATION ____ MAY OCCUR XXX WILL NOT OCCUR.

CONDITIONS TO AVOID: None 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 airborne concentrations above TLV. Use sparkproof tools during clean-up. Soak up with inert absorbent. Do not flush with water into drains.

PREPARING WASTES FOR DISPOSAL (containers, neutralization, etc.): Place in non-leaking containers suitable for material and certified for transporting 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.

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. Avoid prolonged or repeated contact with skin or breathing of vapors. Keep from children. 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: Not Hazardous

DOT HAZARD CLASS: N/A **PACKING GROUP:** N/A **UN/NA NUMBER:** None assigned

SECTION X: ENVIRONMENTAL STATEMENTS

TOXIC SUBSTANCES CONTROL ACT (TSCA)

The chemical components of this product are listed or have been registered for inclusion on the Section 8(B) Chemical Substance Inventory List (40 CFR 710).

This product contains a chemical which is reportable under the export notification requirements of TSCA, Section 12(B).

THIS PRODUCT IS SUBJECT TO REPORTING ACCORDING TO SARA, TITLE III (SUPERFUND AMENDMENT).

2-(2-Butoxy)ethanol CAS# 112-34-5 5.0%

EPCRA Section 313

This product contains the following substance(s) which are subject to the supplier notification requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 (40 CFR 372).

2-(2-Butoxy)ethanol CAS# 112-34-5 5.0%

CLEAN AIR ACT AMENDMENT (HAPS)

This product contains the following substance(s) which are defined as Hazardous Air Pollutants under Title III of the Clean Air Act Amendments of 1990.

2-(2-Butoxy)ethanol CAS# 112-34-5 5.0%

CLEAN AIR ACT AMENDMENT (ODCs)

This product does not contain and is not manufactured with any of the ozone depleting chemicals listed under Section 602 of the Clean Air Act Amendments of 1990.

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.