

Cleveland Lithochrome, Inc.
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316-223-3210

Chemical Name: SOLVENT
Chemical Family: N/A
Formula: N/A

Trade Name: Lithco Solvent

I. Physical Data

Boiling Range: 115 121 141 degrees C / 239 249 285 degrees F
Specific Gravity (water=1): 0.836
Pounds/Gallon: 6.963
Vapor Pressure (mm of Hg) @20 degrees C: 11.9
Vapor Density (air =1): 3.7
Solubility in Water: Negligible
Solubility in Acid (85% H2SO4): Appreciable
Dry Time (Ether=1.0): 8.3
% Volatile by Volume: 100
Appearance: Clear, Water-White
Odor: Ketone

II. Hazardous Ingredients

Material	CAS #	Vol (%)	ACGIH TLV.ppm	OSHA PEL,ppm
Methyl Isobutyl Keytone	107-10-1	55%	50	50
Xylol	1330-20-7	45%	100	100

Listed on Sara 313

III. Fire & Explosion Hazard Data

Lower Flammable Limit in Air (% by Vol): 1.3
Flash Point (Test Method): 18 Degrees C / 64 degrees F (TCC) (Lowest Flashing Component)
Flammability Classification: Class I B
Extinguishing: NFPA Class B extinguishers (CO2 or foam)
Media: for Class I B liquid fires
Special: Water spray would be effective on fire.
Fire Fighting Procedures: Use vapor spray to protect fire fighters and to cool closed containers.
Use fog nozzles if water is used. Use air-supplied breathing masks.
Unusual Explosion & Fire Procedures: Flammable! Keep container tightly closed. Closed containers may explode if exposed to extreme heat.
Applying to hot surfaces requires special precautions.

Flammable Limits:	LEL	UEL
	1.3	n/a

Limit Value: 60 ppm

Acute Overexposure:

Inhaling: Anesthetic. Irritates respiratory tract. May cause serious nervous system depression.

Skin or Eye contact: Primary irritation.

Effects of swallowing and chronic over exposure:

Vapor harmful. Harmful or fatal if swallowed. Liquid may cause skin irritation. Liquid may cause eye irritation.

Emergency & First Aid Procedures:

In case of contact with skin, flush with plenty of water. For eyes flush with plenty of water for 15 minutes and get medical attention. If exposed to high concentration of vapor, remove to fresh air. If swallowed, call a physician immediately! Do NOT induce vomiting.

IV. Reactivity Data

Stability: Stable

Conditions to Avoid: Isolate from heat, sparks, electric equipment & open flame.

Materials to Avoid: Isolate from strong oxidizers such as permanganate.

Hazardous Decomposition Products: Carbon Monoxide from burning.

V. Spill & Waste Procedures

Spill or Leak: Isolate from oxidizers, heat sparks, electric equipment & open flame.

Mop up and dispose of.

Waste Disposal Method: Recycle or incinerate observing local, state & Federal health, safety, and pollution laws.

VI. Special Protection Information

Respiratory Protection (specify type): NONE If over TLV, use self-contained air pack.

Ventilation: Provide greater than 60 feet per minute hood base velocity. Use only with ventilation sufficient to prevent exceeding exposure limit or build-up of explosive concentration in air. Use explosion proof equipment. NO smoking or open flame.

Local Exhaust: Preferable

Mechanical (general): Acceptable

Special: NONE

Other: NONE

Protective Gloves: Recommended (Must not dissolve in solvents)

Eye Goggles: Required

VII. Special Protections

Do not store above 49 degrees C / 120 degrees F. Store large amounts in structures made for OSHA Class 1 B liquids. Avoid free fall of liquid. Ground containers when pouring. Do not flame cut, saw, braze or weld. Empty container hazardous! Continue all label precautions!

