

SECTION I - GENERAL INFORMATION

Manufacturer:

Lamson Oil Company
2511-20th Street
Rockford IL 61104

Date Revised: January 31, 2000
Revised By: Safety Department
Telephone Number for Information: (815)226-8090
Fax Number for Information: (815)226-9250
Emergency Number (Chemtrec): (800)424-9300

Chemtrec is to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure, or accident involving chemicals.

HAZARD RATING, HMIS SYSTEM, VALUES	NOTE: Hazard Ratings Based On:	4 = Severe
Health = 1		3 = Serious
Flammability = 2		2 = Moderate
Reactivity = 0		1 = Slight
		0 = Minimal

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components (Chemicals & Common Names)	CAS #	OSHA PEL	ACGIH TLV	LD 50	Other
d-Limonene	5989-27-5	NE	NE		

We recommend observing a TLV of 5mg/M³ (same as oil mist)

SECTION III - PHYSICAL, CHEMICAL CHARACTERISTICS

Boiling Point: 310°F
Specific Gravity (Water = 1): 0.86 +/- 0.01
Vapor Pressure (mm HG): 2
Melting Point: Not Applicable
Vapor Density (Air=1): >1
Evaporation Rate (butyl Acetate=1): <1
Solubility in Water: emulsifies
Reactivity in Water: NIL
Appearance and Odor: Clear, pale yellow liquid; pleasant citrus odor.

SECTION IV - FIRE & EXPLOSION DATA

Flash Point: 120°F Method: TCC
Flammable Limit (Vol % in Air) LEL: 0.7 UEL: 6.0
Extinguishing Media: CO₂, Foam, Dry Chemical, or Water Fog
Special Fire Fighting Procedures:
Keep Fire-exposed containers cool with water spray.
Firefighters may need self-contained breathing apparatus.
Unusual Fire and Explosion Hazards:
None.

SECTION V - REACTIVITY DATA

Stability: [] Unstable [X] Stable
Conditions to Avoid: None
Incompatibility (Materials to Avoid): strong oxidizing and reducing agents
Hazardous Decomposition Products: Combustion may produce oxides of C
Hazardous Polymerization: [] May Occur [X] Will Not Occur
Conditions to Avoid: Not Applicable

SECTION VI - HEALTH HAZARD DATA

Routes of Entry: Eyes: Primary Inhalation: Secondary
Skin: Primary Ingestion: Not Expected
Carcinogenicity: No NPT: No IARC Monographs: No OSHA Regulated: No
Health Hazards:
Chronic: No Known Effects
Acute: Possible skin irritant on prolonged contact.
Eye irritant on contact.
Possible Respiratory or mucous membrane irritant if mists or hot vapors are inhaled.
Signs & Symptoms of OverExposure:
Redness, irritation of skin, eyes. Possible membrane irritation if mists or hot vapors are inhaled.
Medical Conditions Aggravated by Exposure: None known.
Emergency and First Aid Procedures:
Eyes: Flush with water 15 minutes; if burning persists see physician.
Skin: Wash with soap and water; if irritation continues get medical attention.
Inhalation: Remove to fresh air; apply artificial respiration if necessary.
Ingestion: Administer 2 glasses of milk or water. Do not induce vomiting.
Get medical attention.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case Material is Released or Spilled:
Dike large spills to prevent ingress into sewers.
Cleanup spills with absorbent and store in marked containers for disposal.
Precautions to be taken in Handling and Storage:
Keep containers covered. Do not reuse containers.
Avoid: Hot surfaces, ignition sources, and prolonged skin contact.
Waste Disposal Method:
Dispose in accordance with local, state and federal regulations.
Other Precautions:
Launder contaminated clothing before re-use.
Wash thoroughly after contact, followed by application of skin cream.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: Use NIOSH approved respirator when airborne exposure limits are exceeded.
Ventilation: Local Exhaust: Usually sufficient. Special: Not applicable
General Exhaust: Preferred Other: Not applicable
Protective Gloves: Gloves, (Solvent resistant(Prolonged contact))
Eye Protection: Safety Goggles
Other Protective Clothing or Equipment:
Apron if exposed continuously to fluid or mist.

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