

**SECTION I - GENERAL INFORMATION**

Manufacturer:

Lamson Oil Company  
2511-20th Street  
Rockford IL 61104

Date Revised: May 8, 2002  
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 = 1		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
Alkanolamine	102-71-6		5mg/M <sup>3</sup>		

Please observe TLV of 5mg/M<sup>3</sup> for oil mist.

**SECTION III - PHYSICAL, CHEMICAL CHARACTERISTICS**

Boiling Point: 500°F  
Specific Gravity (Water = 1): 1.02  
Vapor Pressure (mm HG): <0.5  
Melting Point: Not Applicable  
Vapor Density (Air=1): >5  
Evaporation Rate (butyl Acetate=1): <0.1  
Solubility in Water: emulsifies  
Reactivity in Water: NIL  
Appearance and Odor: clear amber liquid; mild odor

**SECTION IV - FIRE & EXPLOSION DATA**

Flash Point: 350°F Method: COC  
Flammable Limit (Vol % in Air) LEL: 1.0 UEL: 7.0  
Extinguishing Media: CO<sub>2</sub>, 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 carbon  
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: Not Absorbed 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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