

**SECTION I - GENERAL INFORMATION**

Manufacturer:

Lamson Oil Company  
2511-20th Street  
Rockford IL 61104

Date Revised: June 1, 2005  
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

Health = 1  
Flammability = 0  
Reactivity = 0

NOTE: Hazard Ratings Based On:

4 = Severe  
3 = Serious  
2 = Moderate  
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>		

**SECTION III - PHYSICAL, CHEMICAL CHARACTERISTICS**

Boiling Point: 220oF  
Specific Gravity (Water = 1): 1.07  
Vapor Pressure (mm HG): <1  
Melting Point: Not Applicable  
Vapor Density (Air=1): >1  
Evaporation Rate (butyl Acetate=1): <0.1  
Solubility in Water: complete  
Reactivity in Water: NIL  
Appearance and Odor: light amber liquid; mild odor

**SECTION IV - FIRE & EXPLOSION DATA**

Flash Point: Not Applicable Method: Not Applicable  
Flammable Limit (Vol % in Air) LEL: Not Applicable UEL: Not Applicable  
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.

Product Name: Lamsyn 4250

**SECTION V - REACTIVITY DATA**

Stability: [ ] Unstable [ X ] Stable

Conditions to Avoid: None

Incompatibility (Materials to Avoid): strong oxidizing and reducing agents

Hazardous Decomposition Products: Thermal decomposition may produce oxides of C & N

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:

Wear appropriate protective equipment.

Contain spill. Absorb with inert material and dispose.

Waste Disposal Method:

Dispose in accordance with local, state and federal regulations.

Precautions to be taken in Handling and Storage:

Avoid: Hot surfaces, ignition sources, and prolonged skin contact.

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.

Material Safety Data Sheet, cont.

Product Name: Lamsyn 4250

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