

1. **PRODUCT AND COMPANY IDENTIFICATION**

Product Name and Use: LAMSYN 4254 - Metal Forming Lubricant

Manufacturer: Lamson Oil Company
5060 27th Avenue, Rockford, Illinois 61109 USA

Telephone Number: (815) 226-8090

Emergency Number: Call (Infotrac) (800) 535-5053

Please call INFOTRAC in the event of a transportation or medical emergency involving a human or an animal.

2. **HAZARD IDENTIFICATION**



Signal Word: Warning

Physical and Health Hazards:

Skin Irritant: Category 2

Eye Irritant: Category 2

Hazard Statements:

Causes skin irritation.

Causes serious eye irritation.

Precautionary Statements:

Wear protective gloves and eye protection. Wash hands thoroughly after handling.

IF SWALLOWED: Immediately call a Poison Center or Physician. Do not induce vomiting.

IF ON SKIN (or hair) Remove immediately all contaminated clothing. Rinse skin with water.

If skin irritation occurs, get medical attention.

Wash contaminated clothing before reuse.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. If eye irritation persists, get medical attention.

In case of fire: Use water fog, foam, dry chemical or carbon dioxide (CO₂) for extinction.

Store in a well ventilated place. Keep cool.

Dispose of contents and container in accordance with local regulations.

3. COMPONENTS

Substantial Ingredients	CAS #	Weight %	GHS Classification
Oleyl Ether Phosphate	39464-69-2	> 10%	Skin Irr 2, Eye Irr 2A
Sodium Tallowate	8052-48-0	< 10%	Skin Irr 3, Eye Irr 2B
Triethanolamine	102-71-6	> 10%	None
Water	7732-18-5	> 10%	None

4. FIRST AID MEASURES

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. If eye irritation persists, get medical attention.

IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water. If skin irritation occurs, get medical attention.

IF SWALLOWED: Immediately call a Poison Center or Physician. Do not induce vomiting.

IF INHALED: Remove to fresh air; apply artificial respiration if necessary. Get medical attention.

5. FIRE-FIGHTING MEASURES

General Hazard

Under fire conditions substances can be released that require the need for self-contained breathing apparatus and chemical-protective clothing.

Fire-Fighting

Keep fire exposed containers cool with water spray. Separate unburning product from fire. Use carbon dioxide, foam, or dry chemical extinguishing media to put out fires.

Unusual Decomposition Products Under Fire Conditions

None

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Remove greatly contaminated clothing, including shoes and wash thoroughly after contact.

Laundry contaminated clothing before reuse.

Environmental Precautions

Dike large spills to prevent ingress into sewers.

Clean spills with absorbent and store in marked containers for disposal.

Rinse area with water to remove slip/fall hazard.

Dispose of contents and container in accordance with local regulations.

7. **HANDLING AND STORAGE****Safe Handling and Storage**

Store in a well ventilated place. Keep cool.

Do not handle, store, or dispense near open flames or ignition sources.

Keep containers inside and out of direct sunlight. Avoid extreme temperatures.

Product increases in viscosity as temperature decreases. Thaw and mix well before using.

Do not reuse containers.

Incompatible Products

Avoid strong oxidizing and reducing agents.

8. **EXPOSURE CONTROL AND PERSONAL PROTECTION****Ventilation**

Local exhaust is usually sufficient. General exhaust is preferred.

Personal Protection

Use approved respirator when airborne exposure limits are exceeded. Use chemical resistant gloves to avoid prolonged contact. Wear goggles or safety glasses with splashguards.

Work Place Exposure Guide Lines

Triethanolamine has a recommended TLV of 5 mg/m³.

9. **PHYSICAL AND CHEMICAL PROPERTIES**

Boiling Point:	> 200 °F
Specific Gravity (water =1):	1.1
Vapor pressure (mm Hg):	< 1
Melting Point:	Not Applicable
Vapor Density (Air =1):	> 5
Evaporation Rate (butyl Acetate=1):	< 0.1
Solubility in water:	Complete
Reactivity in water:	NIL
Appearance and Odor:	Clear, dark yellow liquid; mild odor
Flash point:	>200 °F
Flammable Limits (volume percent in air):	LEL: Not Established UEL: Not Established
Autoignition Temperature: approximately	Not Established

10. **STABILITY AND REACTIVITY**

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 carbon and nitrogen.

Hazardous Polymerization: [] May Occur [X] Will Not Occur

Conditions to Avoid: Not Applicable

11. TOXICOLOGICAL INFORMATION

This product has minimal toxicity when inhaled, ingested, or when skin or eye contact is made.

This product is not expected to cause cancer or to be a skin sensitizer.

No data is available to indicate that any ingredient is mutagenic or genotoxic.

This product is not expected to cause reproductive or developmental effects.

This product causes serious eye irritation.

Prolonged or repeated exposure to the skin may result in possible irritation and dermatitis.

Exposure to vapor or aerosol concentrations above the recommended exposure level is irritating to the eyes and respiratory tract, and may cause headaches or dizziness.

12. ECOLOGICAL INFORMATION

This product is not classified as a Volatile Organic Compound.

Please refer to section 6 for accidental release information.

13. DISPOSAL CONSIDERATIONS

This product is not suitable for disposal by municipal sewers, natural streams or rivers.

This product can be incinerated directly in appropriate equipment.

14. TRANSPORT INFORMATION

This product is considered non-hazardous to transport.

Transportation name: Lubricant - Water Based

15. REGULATORY INFORMATION

All components of this product are on the U.S. EPA TSCA Inventory List.

16. OTHER INFORMATION

This document was revised 11 May 2015