

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: LAMSYN 4279 – 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: Danger

Physical and Health Hazards

Serious eye damage: Category 1

Skin irritation: Category 3

Carcinogenicity: Category 2

Acute toxicity, Oral: Category 4

Hazard Statements:

Causes mild skin irritation.

Causes serious eye damage.

Harmful if swallowed.

Suspected of causing cancer.

Precautionary Statements:

Do not handle until all safety precautions have been read and understood.

Do not breathe mist, vapors, or spray.

Wear protective gloves and eye/face 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.

Take off contaminated clothing and wash before reuse.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. 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

Significant Ingredients	CAS #	Weight %	GHS Classification
Long Chained Ester	131252-82-9	>20%	Eye Irr 1
Linoleamide DEA	56863-02-6	<10%	Eye Dam 1, Skin Irr 2
Cocamide DEA	6803-42-3	< 5%	Ac Tox Oral 4
Diethylene Glycol	111-46-6	< 5%	Ac Tox Or 4, Sp Org Tox 2
Diethanolamine	111-42-2	< 2%	Ac Tox Or 4, Skin Irr 3 Eye Dam 1, Aqu Tox 3
Triazole salt	64665-57-2	< 2%	Ac Tox Or 4, Skin Irr 2 Eye Irr 2A, Sp Org Tox 3
Propylene Glycol Methyl Ether	25498-49-1	< 10%	None
Water	7732-18-5	> 20%	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. 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

Thoroughly wash skin after contact.

Take off contaminated clothing and launder before reuse.

Environmental Precautions

Stop leak if without risk.

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**

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

Diethanolamine has a TLV of 1 ppm (ACGIH).

Diethylene glycol has a recommended TWA of 10mg/M³.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	> 200 °F
Specific Gravity (water =1):	1.06
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, amber 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

Diethanolamine is a confirmed animal carcinogen with unknown relevance to humans (ACGIH)

Diethanolamine IARC Group 2B: Possibly carcinogenic to humans.

This product contains diluted ingredients that are acutely toxic when ingested.

Exposure to product's mists may lead to toxic exposure by inhalation or ingestion.

This product is not expected 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.

Prolonged or repeated exposure to the eyes can cause eye damage.

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

Continual long term exposure to Diethanolamine and Diethylene Glycol above the recommended levels may cause damage to organs.

12. ECOLOGICAL INFORMATION

This product contains a Volatile Organic Compound: So part of it will slowly evaporate upon release.

Diethanolamine is known to be toxic to aquatic organisms.

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

For containers of 119 gals or less the DOT does not regulate this product for Air or Ground shipments.

15. REGULATORY INFORMATION

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

The following component is subject to reporting levels established by SARA Title III, Section 313 (USA)

Diethanolamine CAS no. 111-42-2

16. **OTHER INFORMATION**

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