

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

Skin irritation (Category 2)

Serious eye damage (Category 1)

Carcinogenicity (Category 2)

Specific Target Organ Toxicity – repeated exposure, oral (Category 2)

Hazard Statements:

Causes skin irritation.

Causes serious eye damage.

Suspected of causing cancer.

May cause damage to organs through prolonged or repeated exposure.

Precautionary Statements:

Do not breathe mist, vapors, or spray.

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

IF SWALLOWED: Call a poison center or medical center if you feel unwell. Rinse mouth.

IF ON SKIN (or hair): Wash with plenty of soap and 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 Ingredient	CAS #	Weight %	GHS Classification
Long Chained Ester	131252-82-9	> 20%	Eye Dam 1
Linoleamide DEA	56863-02-6	< 10%	Skin Irr 2, Eye Dam 1
Propylene Glycol Methyl Ether	25498-49-1	< 5%	Sp Org Tox 3
Cocamide DEA	6803-42-3	< 5%	Ac Tox Oral 4
Diethanolamine	111-42-2	< 2%	Ac Tox Oral 4, Skin Irr 2, Eye Dam 1, Carc 2, Sp Org Tox 2, Aq Tox 3, Ch Aq Tox 3
Triazole salt	64665-57-2	< 2%	Ac Tox Oral 4, Skin Irr 1, Eye Dam 1, Aq Tox 2, Ch Aq Tox 2
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: Call a poison center or medical center if you feel unwell. Rinse mouth.

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. Launder contaminated clothing 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**

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).

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.
Diethanolamine may cause damage to organs through prolonged or repeated exposure.
This product is not expected to be a skin sensitizer.
This product causes serious eye damage.
Repeated exposure to the skin may result in possible irritation and dermatitis.

12. **ECOLOGICAL INFORMATION**

This product contains a Volatile Organic Compound: So part of it will slowly evaporate upon release.
This product does not meet the threshold to be considered 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**

This document was revised 25 Sep 2019.