

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name and Use: A-233-A 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:

Flammable liquid: Category 3

Aspiration toxicant: Category 1

Hazard Statements:

Flammable liquid and vapor.

May be fatal if swallowed and enters airways.

Precautionary Statements:

Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

Keep container tightly closed. Store in a well ventilated place. Keep cool.

Ground container and receiving equipment.

Use non-sparking tools. Take precautionary measures against static discharge.

Wear protective gloves and eye protection.

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.

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

Collect spillage. Dispose of contents and container in accordance with local regulations.

Avoid release to the environment.

3. COMPONENTS

Substantial Ingredient

Isoparaffinic Hydrocarbon

(C10-12, isoalkanes, <2% aromatics)

CAS #

64742-48-9

Weight %

> 95%

GHS Classification

Asp Tox 1, Flam Liq 3, Aq Chr 2

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**

Flammable materials can form combustible mixtures at temperatures at or above the flash point. Empty containers can contain residues that can cause fires or explosions when exposed to heat, flames, or sparks.

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

Stop leak if without risk.

Dike large spills to prevent ingress into sewers and waterways.

Eliminate all sources of ignition.

Ensure adequate ventilation.

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

Dispose in accordance with all applicable 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.

Do not reuse containers.

This product is a static accumulator and so steps should be taken to prevent static accumulation and electric spark formation.

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 solvent resistant gloves to avoid prolonged contact.

Wear goggles or safety glasses with splashguards.

Work Place Exposure Guide Lines

Hydrocarbons, C10-C12, isoalkanes has been assigned by the manufacturer a TWA of 1200 mg/m³ (196 ppm).

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	> 310 °F
Specific Gravity (water =1):	0.75
Vapor pressure (mm Hg):	1
Melting Point:	Not Applicable
Vapor Density (Air =1):	> 5
Evaporation Rate (butyl Acetate=1):	0.29
Solubility in water:	Insoluble
Reactivity in water:	NIL
Appearance and Odor:	Clear, colorless liquid; very slight odor
Flash point:	111 °F
Flammable Limits (volume percent in air):	LEL: 0.7 UEL: 5.6
Autoignition Temperature: approximately	644 °F

10. STABILITY AND REACTIVITY

Stability: ☐ Unstable ☒ 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 ☒ 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 considered an aspiration hazard based on its physical/chemical properties.

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.

Repeated exposure to low viscosity materials may defat the skin resulting in possible irritation and dermatitis.

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

12. ECOLOGICAL INFORMATION

This product is considered a Marine Pollutant.

This product is classified as a Volatile Organic Compound and will rapidly evaporate into the air upon release. Please refer to Section 6 for accidental release information.

13. DISPOSAL CONSIDERATIONS

This product is not suitable for disposal by either landfill or 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 ground shipments.

Air Shipping Description: UN 1268, PETROLEUM DISTILLATES, N.O.S., 3, PG III

Sea (IMDG) and Bulk Shipping Description: UN 1268, PETROLEUM DISTILLATES, N.O.S., (iso and cycloalkanes (C10-C11)), 3, PG III (44 °C cc) Marine Pollutant

15. REGULATORY INFORMATION

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

Classification according to Occupation Health and Safety Administration: Combustible Liquid

16. OTHER INFORMATION

This document was revised 11 May 2015

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