

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form: Mixture**Product Name:** PURAMAX Premium Drip Oil**Product Grades/Codes:**

PURAMAX Premium Drip Oil – 2111351010 (Bulk)

Synonyms: Pump Oil/Drip Oil

1.2. Intended Use of the Product

Drip Oil

1.3. Company Identification

North American Lubricants Company

7337 E. Doubletree Ranch Road, Suite 180

Scottsdale, AZ 85258

(800)430-6252

www.nalube.com

1.4. Emergency Telephone Number

Emergency Number : CHEMTREC: (800)424-9300 or (703)527-3887

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

Classification (GHS-US)

Asp. Tox. 1

H304

Full text of H-phrases: see section 16

2.2. Label Elements

GHS-US Labeling**Hazard Pictograms (GHS-US/CA)** :**Signal Word (GHS-US/CA)** :

Danger

Hazard Statements (GHS-US/CA) :

H304 – May be fatal if swallowed and enters airways.

Precautionary Statements (GHS-US/CA) :

P301+P310 – IF SWALLOWED: Immediately call a POSISON CENTER or doctor

P331 – Do NOT induce vomiting.

P405 – Store locked up.

P501 – Dispose of contents/container in accordance with local, regional, national, , and international regulations.

2.3. Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

2.4. Unknown Acute Toxicity (GHS-US)

None of the mixture consists of ingredient(s) of unknown acute toxicity.

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Name	Product Identifier	% (w/w)	Classification (GHS-US)
Lubricating Oil, petroleum, hydrotreated spent	(CAS No) 64742-58-1	80-100	Asp. Tox. 1, H304

3.2. Mixture

Not applicable

*The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret within the meaning of the OSHA Hazard Communication Standard [29 CFR 1910.1200].

*More than one of the ranges of concentration prescribed by Controlled Products Regulations has been used where necessary, due to varying composition.

Full text of H-phrases: see section 16

SECTION 4: FIRST AID MEASURES

4.1. Description of First Aid Measures

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).

Inhalation: Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.

Skin Contact: Remove contaminated clothing. Drench affected area with water or soap and water for at least 15 minutes. Wash contaminated clothing before reuse. Obtain medical attention if irritation develops or persists.

Eye Contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

Ingestion: Do NOT induce vomiting. Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.

4.2. Most Important Symptoms and Effects Both Acute and Delayed

General: May be fatal if swallowed and enters airways.

Inhalation: Overexposure may be irritating to the respiratory system.

Skin Contact: Repeated or prolonged skin contact may cause irritation.

Eye Contact: Direct contact with the eyes is likely irritating.

Ingestion: Ingestion is likely to be harmful or have adverse effects. Aspiration into the lungs can occur during ingestion or vomiting and may cause lung injury.

Chronic Symptoms: No known significant effects or critical hazards.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If you feel unwell, seek medical advice (show the label where possible).

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Use extinguishing media appropriate for surrounding fire. Dry chemical, foam, carbon dioxide.

Unsuitable Extinguishing Media: Do not use water.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not flammable but will support combustion.

Explosion Hazard: Product is not explosive.

Reactivity: Hazardous reactions will not occur under normal conditions.

5.3. Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire. Under fire conditions, hazardous fumes will be present.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Under fire conditions, may produce fumes, smoke, oxides of carbon, hydrocarbons, aldehydes, ketones, and unidentified organic compounds

Other Information: Contains Sulfur, may release small amounts of hydrogen sulfide. Hydrogen sulfide is a fatal, and highly flammable gas with a rotten egg odor that quickly causes odor fatigue. Gas can accumulate in the headspace of closed containers, use caution when opening sealed containers. Explosion can occur if hydrogen sulfide is allowed to accumulate in the headspace of closed systems in the presence of an ignition source. Heating the product or containers can cause thermal decomposition of the product and release hydrogen sulfide. Hydrogen sulfide is also an asphyxiant.

Reference to Other Sections

Refer to section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Avoid prolonged contact with eyes, skin, and clothing. Avoid breathing (vapor, mist, spray).

6.1.1. For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

6.1.2. For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Stop leak if safe to do so. Eliminate ignition sources. Ventilate area.

6.2. Environmental Precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and Material for Containment and Cleaning Up

For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Spills should be contained with mechanical barriers. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

6.4. Reference to Other Sections

See Heading 8. Exposure controls and personal protection. For further information refer to section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional Hazards When Processed: Contains Sulfur, may release small amounts of hydrogen sulfide. Hydrogen sulfide is a fatal, and highly flammable gas with a rotten egg odor that quickly causes odor fatigue. Gas can accumulate in the headspace of closed containers, use caution when opening sealed containers. Explosion can occur if hydrogen sulfide is allowed to accumulate in the headspace of closed systems in the presence of an ignition source. Heating the product or containers can cause thermal decomposition of the product and release hydrogen sulfide. Hydrogen sulfide is also an asphyxiant

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

Storage Conditions: Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

Incompatible Materials: Strong acids, strong bases, strong oxidizers.

7.3. Specific End Use(s)

Drip Oil.

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government.

Mineral Oils		
USA ACGIH	ACGIH OEL TWA	5 mg/m ³ Pure, highly and severely refined: 5 mg/m ³ TWA (inhalable particulate matter). Poorly and mildly refined: Exposure by all routes should be carefully controlled to levels as low as possible.
USA OSHA	OSHA PEL (TWA) [1]	5 mg/m ³
USA NIOSH	NIOSH REL (TWA)	5 mg/m ³
Alberta	OEL TWA	5 mg/m ³
British Columbia	OEL TWA	1 mg/m ³ Severly regined [0.2 mg/m ³ for mildly refined oils]
Manitoba	OEL TWA	5 mg/m ³ ACGIH Value
Newfoundland & Labrador	OEL TWA	5 mg/m ³ ACGIH
Nova Scotia	OEL TWA	5 mg/m ³ ACGIH
Nunavut	OEL STEL	10 mg/m ³
Nunavut	OEL TWA	5 mg/m ³
Northwest Territories	OEL STEL	10 mg/m ³
Northwest Territories	OEL TWA	5 mg/m ³
Ontario	OEL TWA	5 mg/m ³ Pure, highly and severely refined
Québec	VECD (OEL STEL)	10 mg/m ³
Québec	VEMP (OEL TWA)	5 mg/m ³
Saskatchewan	OEL STEL	10 mg/m ³
Saskatchewan	OEL TWA	5 mg/m ³
Yukon	OEL STEL	10 mg/m ³
Yukon	OEL TWA	5 mg/m ³

8.2. Exposure Controls

Appropriate Engineering Controls: Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.

Personal Protective Equipment: Protective goggles. Gloves. Protective clothing. Respiratory protection.



Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear chemically resistant protective gloves.

Eye Protection: Chemical goggles or safety glasses.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.

Environmental Exposure Controls: Do not allow the product to be released into the environment.

Consumer Exposure Controls: Do not eat, drink or smoke during use.

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State	: Liquid
Appearance	: Amber
Odor	: Petroleum
Odor Threshold	: Not available
pH	: Not available
Evaporation Rate	: Not available
Melting Point	: Not available
Boiling Point	: ≥ 260.8 °C (501.4 °F)
Flash Point	: ≥ 165 °C (329 °F)
Auto-ignition Temperature	: Not available
Decomposition Temperature	: Not available
Flammability (solid, gas)	: Not available
Lower Flammable Limit	: Not available
Upper Flammable Limit	: Not available
Vapor Pressure	: <0.1 mm Hg @ 20 °C (68 °F)
Relative Vapor Density at 20 °C	: Not available
Relative Density	: 0.87 (water = 1)
Specific Gravity	: Not available
Solubility	: Water: Insoluble
Partition Coefficient: N-Octanol/Water	: Not available
Viscosity	: < 20.5 mm ² /s 40 °C (104 °F)
Viscosity, Kinematic	: Not available
Explosive Properties	: Product is not explosive
Explosion Data – Sensitivity to Mechanical Impact	: Not expected to present an explosion hazard due to mechanical impact
Explosion Data – Sensitivity to Static Discharge	: Not expected to present an explosion hazard due to static discharge

SECTION 10: STABILITY AND REACTIVITY

- 10.1. Reactivity:** Hazardous reactions will not occur under normal conditions.
- 10.2. Chemical Stability:** Stable under recommended handling and storage conditions (see section 7).
- 10.3. Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.
- 10.4. Conditions to Avoid:** Direct sunlight, extremely high or low temperatures, heat, hot surfaces, sparks, open flames, incompatible materials, and other ignition sources.
- 10.5. Incompatible Materials:** Strong acids, strong bases, strong oxidizers.
- 10.6. Hazardous Decomposition Products:** Thermal decomposition may produce: Sulfur oxides, Carbon Oxides (CO, CO₂), Hydrogen sulfide, Aldehydes, Ketones, and unidentified organic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects - Product

Acute Toxicity: Not classified

LD50 and LC50 Data: Not available

Skin Corrosion/Irritation: Not classified

Eye Damage/Irritation: Not classified

Respiratory or Skin Sensitization: Not classified

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Germ Cell Mutagenicity: Not classified**Teratogenicity:** Not classified**Carcinogenicity:** Not classified**Specific Target Organ Toxicity (Repeated Exposure):** Not classified**Reproductive Toxicity:** Not classified**Specific Target Organ Toxicity (Single Exposure):** Not classified**Aspiration Hazard:** Not classified**Symptoms/Injuries After Inhalation:** Overexposure may be irritating to the respiratory system.**Symptoms/Injuries After Skin Contact:** Repeated or prolonged skin contact may cause irritation.**Symptoms/Injuries After Eye Contact:** Direct contact with the eyes is likely irritating.**Symptoms/Injuries After Ingestion:** Aspiration into the lungs can occur during ingestion or vomiting and may cause lung injury.**Chronic Symptoms:** Not Classified

11.2. Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

Petroleum distillates, hydrotreated heavy naphthenic (64741-52-5)	
LD50 Oral Rat	> 2000 mg/kg
LD50 Dermal Rabbit	> 4480 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology - General: Not classified

12.2. Persistence and Degradability

Not available

12.3. Bioaccumulative Potential

Not available

12.4. Mobility in Soil

Not available

12.5. Other Adverse Effects

Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Sewage Disposal Recommendations: Do not empty into drains; dispose of this material and its container in a safe way. Do not empty into drains. Do not dispose of waste into sewer.**Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

SECTION 14: TRANSPORT INFORMATION

14.1. In Accordance with DOT Not regulated for transport**14.2. In Accordance with IMDG** Not regulated for transport**14.3. In Accordance with IATA** Not regulated for transport**14.4. In Accordance with TDG** Not regulated for transport

Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

SECTION 15: REGULATORY INFORMATION**15.1. US Federal Regulations****SARA Section 311/312 Hazard Classes**

Health hazard – Aspiration hazard

15.2. US State Regulations

None noted

15.3. Canadian Regulations

WHMIS Classification Not Classified

Listed on the Canadian DSL (Domestic Substances List)

WHMIS Classification Class D Division 2 Subdivision B - Toxic material causing other toxic effects

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION**Revision Date** : 05/18/2023**Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.**GHS Full Text Phrases:**

Asp. Tox. 1	Aspiration hazard Category 1
H304	May be fatal if swallowed and enters airways

Party Responsible for the Preparation of This Document

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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

North America GHS US 2012 & WHMIS 2