PRIME LUBE ULTRA FULL SYNTHETIC GEAR LUBRICANTS & TRANSMISSION OIL

Safety Data Sheet

Version: 1.1 | Revision Date: 11/13/2026 | Print Date: 11/13/2026

Section 1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier

Product Form:	Chemical Mixture
Trade Name:	PRIME LUBE ULTRA Full Synthetic 75W-80, 75W-90, 75W-140 and 80W-140 Gear Lubricants; 50W Transmission Oil
SDS ID:	18124

1.2 Identified Uses and Restrictions

Use of the substance/mixture:	Gear lubricant and heavy-duty transmission oil for automotive and industrial applications.
Recommended Restrictions:	Uses other than those described above. Use strictly in accordance with equipment and vehicle manufacturer specifications.

1.3 Supplier Details

Company Name:	PRIME LUBE INC
Address:	800 Roosevelt Avenue, Carteret, NJ 07008
Contact Line:	1.732-969-9200
Official Website:	www.primelubeinc.com

1.4 Emergency Contact Systems

24-Hour Emergency Dispatch:	1-732-969-9200
Technical Representative / Responsible Party:	Dru Soni | SDS@primelubeinc.com
Chemical Spill/Leak Emergency (ERS Service):	Domestic North America: 800-255-3924

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

GHS-US classification:	GHS-US Classification: Not classified as hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200). Hazards Not Otherwise Classified (HNOC): No data available.
Target Organ Toxicity:	No classification criteria met based on the supplier's available information.

2.2 Label elements

Hazard pictograms (GHS-US):	None applicable.
Signal word (GHS-US):	None applicable.
Hazard statements (GHS-US)	None applicable.

2.3 Precautionary Statements

Precautionary statements (GHS-US) - Prevention:	Avoid unnecessary exposure. Follow all recommended personal protective equipment and safe handling practices provided in Section 8.
Precautionary statements (GHS-US) - Response:	**Skin Contact**: Wash with soap and water. Get medical attention if irritation develops or persists. **Inhalation**: Move to fresh air. If breathing is difficult, have a trained individual administer oxygen. **Eye Contact:** Use an eyewash station to flush the affected eye thoroughly with water, regardless of the perceived level of exposure. Seek medical attention if irritation develops or persists. **Ingestion:** Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical personnel with this SDS
Storage and Disposal:	Store in a cool, dry place. Isolate from incompatible materials. Dispose of contents and containers in accordance with applicable federal, state and local regulations.

2.4 Other hazards which do not result in classification

Hazards not otherwise classified: No data available.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable as this represents a distinct mixture.

3.2 Mixtures

Chemical Characterization: Blend of highly refined petroleum base oils and performance additive packages.

Ingredient Name	Chemical Abstract Services (CAS)	Proportion (percent by Wt.)	GHS-US Operational Classification
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	72623-87-1	45–70%	Not Classified
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	72623-86-0	5–10%	Not Classified
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	1–5%	Not Classified
Petroleum distillates, hydrotreated light paraffinic	64742-55-8	0.1–1%	Not Classified
(Z)-Octadec-9-enylamine	112-90-3	0.1–1%	Not Classified
Amines, C12-14-tert-alkyl	68955-53-3	0.1–1%	Not Classified

Critical Trade Secret Notation: One or more ingredients are claimed as trade secrets under the OSHA Hazard Communication Standard. Applicable ingredient hazards are addressed within this document.

SECTION 4: FIRST AID MEASURES

4.1 First Aid Actions

General Assessment: Provide medical personnel with this Safety Data Sheet when seeking medical attention.

Inhalation Exposure: Remove affected individual to fresh air. If breathing is difficult, have a trained individual administer oxygen.

Dermal Contact: Wash affected skin thoroughly with soap and water. Get medical attention if irritation develops or persists.

Ocular Contact: Use an eyewash station to remove any material from the eye. Seek medical attention if irritation develops or persists.

Ingestion Action: No hazard is expected under normal industrial use. Do not induce vomiting. Seek medical attention if symptoms develop.

4.2 Acute and Delayed Symptoms

Symptoms: Skin contact may cause slight irritation, skin defatting and dermatitis. Other specific acute or delayed symptoms have not been determined.

4.3 Immediate Medical Interventions

Clinical Guidance: No additional information regarding immediate medical intervention is available. Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing Media

Approved Agents: Use alcohol-resistant foam, carbon dioxide (CO_2), or dry chemical extinguishing agents when fighting fires. Water or foam may cause frothing if the liquid is burning but may still be useful when carefully applied to the surface of the fire.

Prohibited Methods: Do not direct a stream of water into hot burning liquid.

5.2 Specific Substance Hazards

Thermal Decomposition: Material may ignite when preheated to temperatures above its high flash point, such as during a fire.

Hazardous Combustion Products: Nitrogen-containing gases and carbon dioxide.

5.3 Firefighter Protocols

Operational Tactics:	Use firefighting methods appropriate for the surrounding fire and materials involved.
Personal Protective Gear:	Do not enter the fire area without appropriate protective equipment, including self-contained breathing apparatus (SCBA) and full protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Protection & Emergency Operations

For Non-Emergency/Emergency Personnel:	No adverse health effects are expected from cleanup when direct contact with the material can be avoided. Follow all personal protective equipment recommendations provided in Section 8. Avoid unnecessary contact with spilled material.

6.2 Environmental Containment

Prevent spilled material from entering drains, sewers, waterways or soil. Contain the spill using suitable absorbent materials where safe to do so.

6.3 Recovery and Clean-Up

Spill Mitigation:	Avoid direct contact with spilled material. Follow the personal protective equipment recommendations provided in Section 8. Collect recovered material using suitable absorbent materials and dispose of in accordance with applicable federal, state and local regulations. Do not release into drains or the environment.

SECTION 7: HANDLING AND STORAGE

7.1 Safe Handling Practices

Operational Measures:	This material may cause slight skin irritation. Avoid unnecessary exposure and prolonged or repeated skin contact. Follow all personal protective equipment recommendations provided in Section 8. Maintain good industrial hygiene practices. Wash hands thoroughly after handling and before eating, drinking or smoking.

7.2 Storage Requirements

Safe Storage Configurations:	Store in a cool, dry place. Keep containers tightly sealed when not in use. Isolate from incompatible materials.
Materials to Avoid:	Acids and strong oxidizing agents.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Chemical Component	CAS number	OSHA PEL	ACGIH TLV	ACGIH STEL	IDLH	US WEEL
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	72623-87-1	5 mg/m³ TWA	5 mg/m³ TWA	10 mg/m³ STEL	No data available	No data available
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	72623-86-0	5 mg/m³ TWA	5 mg/m³ TWA	10 mg/m³ STEL	No data available	No data available
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	5 mg/m³ TWA	5 mg/m³ TWA	10 mg/m³ STEL	No data available	No data available

Exposure Limit Definitions:

- TWA: Time-Weighted Average
- STEL: Short-Term Exposure Limit
- PEL: Permissible Exposure Limit
- TLV: Threshold Limit Value
- IDLH: Immediately Dangerous to Life or Health
- WEEL: Workplace Environmental Exposure Level

8.2 Engineering Controls

Mechanical Systems:	Use local exhaust ventilation or other appropriate engineering controls to minimize exposure and maintain acceptable workplace conditions. Provide adequate general ventilation in areas where the product is handled or used.

8.3 Individual protection measures, such as personal protective equipment

General PPE Standard:	Avoid unnecessary direct exposure. Follow established workplace safety and hygiene practices.
Skin Protection:	Where handling may result in skin contact, wear impervious protective gloves. Nitrile gloves are recommended. Wash hands and other exposed areas with mild soap and water before eating, drinking and when leaving the workplace.
Ocular Protection:	No special requirements under normal industrial use. Where splashing or direct exposure is possible, use appropriate protective eyewear. Wear chemically resistant safety glasses with side shields where splashing or direct eye exposure is possible. Use appropriate eye protection based on the handling conditions and workplace risk assessment.
Respiratory Protection:	Respiratory protection may be required to prevent overexposure under certain handling conditions. General or local exhaust ventilation is the preferred means of exposure control. Where airborne concentrations exceed applicable exposure limits, use NIOSH/MSHA-approved respiratory protection.



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Fundamental Chemical Metrics

Physical State:	Liquid
Coloration:	Amber
Odor Profile:	Mild
Odor Threshold	Not determined
pH Range	No data available
Initial Boiling Point Range:	No data available
Melting/Freezing Point:	No data available
Flash Point Threshold:	232 °C
Evaporation Rate:	No data available
Flammability (solid, gas):	No data available
Upper/Lower Flammability or Explosive Limits:	Not established
Vapor Pressure:	No data available
Vapor Density:	No data available
Relative Density (Specific Gravity):	0.86
Solubility:	Negligible; 0–1%
Partition Coefficient (n-octanol/water):	No data available
Auto-Ignition Temperature:	Not determined
Decomposition Temperature:	No data available
Viscosity 75W-90 cSt @ 40°C :	100
Viscosity 75W-90 cSt @ 100°C:	15.7
Viscosity 75W-140 cSt @ 40°C :	182
Viscosity 75W-140 cSt @ 100°C:	26.2
Viscosity 80W-140 cSt @ 40°C :	186
Viscosity 80W-140 cSt @ 100°C:	26.8
Viscosity 50W cSt @ 40°C :	131
Viscosity 50W cSt @ 100°C:	18.6

SECTION 10: STABILITY AND REACTIVITY

10.1 Chemical Reactivity

There are no known reactivity hazards associated with this product under normal conditions.

10.2 Structural Stability

Stable under normal conditions of storage and handling.

10.3 Hazardous Polymerization

No hazardous reactions are expected under standard conditions of storage.

10.4 Environments to Avoid

Avoid temperatures above the high flash point of this combustible material, particularly in combination with sparks, open flames or other sources of ignition.
Avoid moisture, as it may contribute to product performance degradation.

10.5 Incompatible Materials

Acids and oxidizing materials.

10.6 Hazardous Decomposition Yields

Thermal decomposition or combustion may produce nitrogen-containing gases and carbon dioxide.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Acute Toxicity Data

Likely Routes of Exposure:	Inhalation, ingestion, skin contact and eye contact.
Ingestion:	No hazard expected under normal industrial use. Estimated oral toxicity is greater than 5.0 g/kg.
Skin Contact:	This material may cause slight skin irritation, skin defatting and dermatitis based on available animal data.
Dermal Absorption:	Certain ingredients may be harmful in contact with skin. Avoid prolonged or repeated skin contact.
Inhalation:	No hazard expected under normal industrial use. The material is likely to be practically non-toxic based on available animal data.
Eye Contact:	Estimated to be non-irritating to eyes based on available animal data.

11.2 Primary Irritation and Target Organs

Sensitization:	No data available indicating that the product or its components may cause skin sensitization. Not classified for respiratory sensitization.
Mutagenicity:	No data available indicating that the product or any components present at concentrations greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity:	Not expected to cause cancer based on available information. The product meets the IP-346 criteria of less than 3% PAHs and is not considered carcinogenic by IARC, ACGIH, NTP or OSHA based on the available product information.
Reproductive Toxicity:	Not known or reported to cause reproductive or developmental toxicity.
STOT – Single Exposure:	Based on available data, classification criteria are not met.
STOT – Repeated Exposure:	Based on available data, classification criteria are not met.
Aspiration Hazard:	Based on available data, classification criteria are not met.
Other Information:	None known.

Numerical Measures of Toxicity

Chemical Component	Oral LD50	Dermal LD50	Inhalation LC50
Amines, C12-14-tert-alkyl	Rat: 300 mg/kg	Rat: 251 mg/kg	No data available
(Z)-Octadec-9-enylamine	Rat: 1,689 mg/kg	No data available	No data available
Petroleum distillates, hydrotreated light paraffinic	Rat: greater than 5,000 mg/kg	Rabbit: greater than 2,000 mg/kg	Rat, 4-hour: 3,900 mg/m³
Petroleum distillates, hydrotreated heavy paraffinic	Rat: greater than 15,000 mg/kg	Rabbit: greater than 5,000 mg/kg	No data available
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	Rat: greater than 5,000 mg/kg	Rabbit: greater than 2,000 mg/kg	Rat, 4-hour: greater than 5.2 mg/L
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	Rat: greater than 5,000 mg/kg	Rabbit: greater than 2,000 mg/kg	Rat, 4-hour: greater than 5.2 mg/L

Carcinogenicity Listings: No components are identified as known or reported carcinogens under the OSHA, IARC or NTP listings in the available product information.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Ecotoxicity Data

Ecological Hazard: This product may present a severe ecological hazard and may be toxic to aquatic plants and wildlife.

Aquatic Toxicity Data:

Chemical Name	CAS Number	Aquatic EC50 (Crustacea)	Aquatic ERC50 (Algae)	Aquatic LC50 (Fish)
Amines, C12-14-tert-alkyl	68955-53-3	No data available	Green algae, 72-hour: 0.44 mg/L	Rainbow trout, 96-hour: 1.3 mg/L
(Z)-Octadec-9-enylamine	112-90-3	Daphnia magna, 48-hour: 0.011 mg/L	Green algae, 96-hour: 0.04 mg/L	Fathead minnow, 96-hour: 0.06 mg/L
Petroleum distillates, hydrotreated light paraffinic	64742-55-8	Daphnia magna, 48-hour: greater than 1,000 mg/L	No data available	Rainbow trout, 96-hour: greater than 5,000 mg/L
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	Daphnia magna, 48-hour: greater than 1,000 mg/L	No data available	Rainbow trout, 96-hour: greater than 5,000 mg/L
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	72623-86-0	Daphnia magna, 48-hour: greater than 1,000 mg/L	No data available	Rainbow trout, 96-hour: greater than 5,000 mg/L
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	72623-87-1	Daphnia magna, 48-hour: greater than 1,000 mg/L	No data available	Rainbow trout, 96-hour: greater than 5,000 mg/L

12.2 Environmental Degradation

Biodegrades slowly.

12.3 Bioaccumulative Potential

Bioconcentration may occur.

12.4 Soil Mobility

This material is expected to have essentially no mobility in soil. It absorbs strongly to most soil types.

Other Adverse Effects: None known, including effects relating to the ozone layer.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste Disposal Guidelines

Waste Disposal Recommendations: Spent or discarded material is not identified as hazardous under the available product environmental classification information. Dispose of material in accordance with applicable federal, state and local regulations.

Empty Package Handling: Containers may retain product residues and may present hazards when emptied. Recycle containers whenever possible. Do not reuse containers for purposes other than their original intended use unless properly cleaned and authorized.

SECTION 14: TRANSPORT INFORMATION

14.1 Department of Transportation (DOT) Profile

Regulatory Status: Not regulated for road transportation under U.S. Department of Transportation requirements.

14.2 International Transit Rules

IMDG (Ocean Freight): Not regulated as a dangerous good under the International Maritime Dangerous Goods Code.

IATA (Air Freight): Not regulated as a dangerous good under International Air Transport Association requirements.

14.3 Transport hazard class(es)

Department of Transportation (DOT) Hazard Classes: Not applicable.

IMDG: Not applicable.

IATA: Not applicable.

14.4 Packing group

Packing Group (DOT): Not applicable.

14.5 Environmental hazards

Other Information: This product does not contain any chemical components listed with a clean water act or CERCLA environmental Reportable Quantity (RQ) threshold.
Not identified as a marine pollutant under the available supplier transport information.

14.6 Special Precautions for User

No data available.

14.7 Transport in Bulk According to IMO Instruments

No data available.

SECTION 15: REGULATORY INFORMATION

15.1 United States Federal Rules

Toxic Substances Control Act (TSCA) Inventory Status: All components of this material are listed on the active U.S. TSCA Inventory or are exempt from listing requirements, based on available supplier information.

CERCLA / SARA Regulatory Component Status:

Chemical Name	CAS Number	CERCLA	SARA EHS	SARA 313	U.S. HAP
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	72623-87-1	No	No	No	No
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	72623-86-0	No	No	No	No
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	No	No	No	No
Petroleum distillates, hydrotreated light paraffinic	64742-55-8	No	No	No	No
(Z)-Octadec-9-enylamine	112-90-3	No	No	No	No
Amines, C12-14-tert-alkyl	68955-53-3	No	No	No	No

SARA Section 313: No listed components are identified as subject to Section 313 reporting in the available formulation information.

15.2 International Regulations

Canada: Canadian DSL status has not been established in this document.

15.3 State Specific Rules

California Proposition 65: No ingredients are identified as requiring a California Proposition 65 warning in the available formulation information.

State Right-to-Know (RTK) Reporting:

Chemical Name	CAS Number	Massachusetts	New Jersey	Pennsylvania	Rhode Island	Minnesota
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based	72623-87-1	No	No	No	No	No
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	72623-86-0	No	No	No	No	No
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	No	No	No	No	No
Petroleum distillates, hydrotreated light paraffinic	64742-55-8	Yes	No	No	No	No
(Z)-Octadec-9-enylamine	112-90-3	No	No	No	No	No
Amines, C12-14-tert-alkyl	68955-53-3	No	No	No	No	No

SECTION 16: OTHER INFORMATION

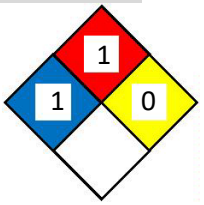
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NFPA Hazard Rating Profile:

Health Hazard: Level 1 (Materials that can prompt distinct irritation under emergency exposure).

Fire Hazard: Level 1 (Materials requiring distinct pre-heating environments to ignite).

Reactivity Hazard: Level 0 (Compounds that remain completely structurally stable under standard fire environments).



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