



SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Enhance™ Full Synthetic Gear Oil SAE 75W-140

PRODUCT USE: Automotive Gear Oil

COMPANY IDENTIFICATION: Enhance™ Lubricants, LLC
1959 Bluff Road
Columbia, SC 29201
www.enhanceoil.com

TRANSPORTATION EMERGENCY RESPONSE: CHEMTREC – 800-424-9300

SECTION 2: HAZARDS IDENTIFICATION

CLASSIFICATION: Not classified as hazardous according to 29 CFR 1910.1200 (2012).

HAZARDS NOT OTHERWISE CLASSIFIED: Not Applicable

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENTS	CAS NUMBER	AMOUNT
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	50-60% wt
If chemical name/CAS No is proprietary and/or weight % is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.		

SECTION 4: FIRST AID MEASURES

EYES: Flush eyes with large amounts of water for at least 15 minutes until irritation subsides, lifting upper and lower eyelids. If irritation persists, get medical attention.

SKIN: Wash off immediately with plenty of water for at least 15 minutes. If irritation persists, get medical attention.

INGESTION: Clean mouth with water and drink plenty of water afterwards.

INHALATION: Remove to fresh air.

MOST IMPORTANT SYMPTOMS AND EFFECTS

SYMPTOMS: May cause mild skin and eye irritation.

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:

Note to Physicians: Treat Symptomatically

SECTION 5: FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Use water fog, foam, dry chemical or carbon dioxide.

UNSUITABLE EXTINGUISHING MEDIA: Not determined.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL: This material can burn but will not readily ignite. This material will release vapors when heated above the flash point temperature that can ignite when exposed to a source of ignition. In enclosed spaces, heated vapor can ignite with explosive force. Mists or sprays may burn at temperatures below the flash point.

HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide. Carbon dioxide (CO₂). Aldehydes. Ketones. Sulfur oxides. Nitrogen oxides (NO_x).

PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES: Use personal protective equipment as required. Remove all sources of ignition.

METHODS FOR CONTAINMENT: Prevent further leakage or spillage if safe to do so.

METHODS FOR CLEAN-UP: Take up small spills with absorbent pads. Large spills may be taken up with pump or vacuum.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: Handle in accordance with good industrial hygiene and safety practice.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

STORAGE CONDITIONS: Keep container tightly closed and store in a cool, dry and well-ventilated place. Keep away from heat, sparks and flame. Empty containers retain product residues.

INCOMPATIBLE MATERIALS: This product may react with strong oxidizing agents.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Apply technical measures to comply with the occupational exposure limits (showers, eyewash stations, ventilation systems).

INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT:

EYE/FACE PROTECTION: Wear safety glasses. Wear chemical goggles or face shield if splash or mist occurs.

SKIN/BODY PROTECTION: Use impervious gloves for prolonged contact. Wear oil-impervious garments if contact is unavoidable.

RESPIRATORY PROTECTION: If mist is generated (heating, spraying) and engineering controls are not sufficient, wear approved organic vapor respirator suitable for oil mist.

GENERAL HYGIENE CONSIDERATIONS: Use good hygiene when handling petroleum product. Launder contaminated clothing before reuse. Excessive misting may cause slippery floors – wear appropriate footwear.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Attention: the data below are typical values and do not constitute a specification.

Color: Light amber

Physical State: Liquid

Odor: Typical petroleum

Odor Threshold: No data available

pH: No data available

Vapor Pressure: No data available

Boiling Point/Boiling Range: No data available

Solubility: Insoluble in water

Freezing Point: No data available

Melting Point: No data available

Pour Point Temperature: No data available

Viscosity: No data available

Oxidizing Properties: No data available

Specific Gravity: 0.89

Evaporation Rate: No data available

Decomposition Temperature: No data available

Partition Coefficient: No data available

Flash Point: > 182°C / 360°F ASTM D-92

Flammability (Solid, Gas): No data available

Upper Flammability Limits: No data available

Lower Flammability Limits: No data available

Auto-Ignition Temperature: No data available

Kinematic Viscosity: No data available

Dynamic Viscosity: No data available

Explosive Properties: No data available

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY: Not reactive under normal conditions.

CHEMICAL STABILITY: Stable under recommended storage conditions.

POSSIBILITY OF HAZARDOUS REACTIONS: None under normal processing.

HAZARDOUS POLYMERIZATION: Under normal conditions of storage and use, hazardous polymerization will not occur.

CONDITIONS TO AVOID: Avoid formation of mists. Keep away from extreme heat, sparks, open flame and incompatible materials.

INCOMPATIBLE MATERIALS: This product may react with strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Decomposition of this product may yield oxides of baron, calcium, magnesium, nitrogen, phosphorus, sulfur including hydrogen sulfide and zinc as well as carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

SECTION 11: TOXICOLOGICAL INFORMATION

Information of likely routes of exposure:

Eye Contact: Avoid contact with eyes

Skin Contact: Avoid contact with skin

Inhalation: Do not inhale

Ingestion: Do not ingest

INFORMATION ON PHYSICAL, CHEMICAL AND TOXICOLOGICAL EFFECTS:

SYMPTOMS: See Section 4

DELAYED AND IMMEDIATE EFFECTS AS WELL AS CHROMIC EFFECTS FROM SHORT AND LONG-TERM EXPOSURE:

CARCINOGENICITY: This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: This product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have harmful or damaging effect on the environment.

COMPONENT INFORMATION:

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Petroleum distillates, hydrotreated heavy paraffinic 64742-54-7		5000: 96 h Oncorhynchus mykiss mg/L LC50		1000: 48 h Daphnia magna mg/ L EC50

PERSISTENCE/DEGRADABILITY: Not determined

BIOACCUMULATION: Not determined

OTHER ADVERSE EFFECTS: No data available

SECTION 13: DISPOSAL CONSIDERATIONS

DISPOSAL OF WASTES: Disposal should be in accordance with applicable regional, national, and local laws and regulations.

CONTAMINATED PACKAGING: Disposal should be in accordance with applicable regional, national, and local laws and regulations.

SECTION 14: TRANSPORT INFORMATION

The description shown may not apply to all shipping situations. Consult 49CFR, or appropriate Dangerous Goods Regulations, for additional description requirements (e.g., technical name) and mode-specific or quantity-specific shipping requirements.

DOT: Not regulated

IMO/IMDG: Not regulated

ICAO/IATA: Not regulated

SECTION 15: REGULATORY INFORMATION**INTERNATIONAL INVENTORIES:**

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Petroleum distillates, hydrotreated heavy paraffinic 64742-54-7	Present	X		Present			X	Present	X	X

Legend:

TSCA – United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

US FEDERAL REGULATIONS:

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

US STATE REGULATIONS:

CALIFORNIA PROPOSITION 65

This product does not contain any Proposition 65 chemicals

US STATE RIGHT-TO-KNOW REGULATIONS:

This product does not contain any substances regulated under applicable state right-to-know regulations.

SECTION 16: OTHER INFORMATION

NFPA RATINGS:	Health: 0	Flammability: 1	Reactivity: 0	Special Hazards: NA
HMIS RATINGS:	Health: 1	Flammability: 1	Reactivity: 0	Personal Protection: NA

DISCLAIMER

The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose

Issue Date: 08.09.2019