



Safety Data Sheet

Conforms to OSHA 29 CFR 1910.1200 and aligns to the United Nations Globally Harmonized System
Date of Revision: 02/10/2020 Revision: 03

Section 1 - Chemical Product and Company Identification

1.1 Product Name: **VP Hi-Performance Full Synthetic GL-5 SAE 75W-90LS Gear Oil**

1.2 VP Racing Fuels, Inc.

1.3 Recommended Use: **Gear Oil**

1.4 **RESTRICTIONS on USE Gear Oil**

Section 2 - Hazards Identification

2.1 GHS HAZARD

Hazard Classes

Hazard Categories

Eye Irritation

Category 2A

Skin Irritation

Category 2

Reproductive Toxicity

Category 2

Specific Target Organs toxicity repeated exposure

Category 2

Harmful to Aquatic Life with Long Lasting Effects

Category 3

2.2 Signal Word: **Warning**



2.3 Pictograms:

Health

Irritant

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2.4 Hazard Statements

PHYSICAL HAZARDS:	None
HEALTH HAZARDS	H315: Causes skin irritation. H319: Causes serious eye irritation. H361: Suspected of damaging fertility or the unborn child. H373: May cause damage to organs through prolonged or repeated exposure.
ENVIRONMENTAL HAZARDS:	H412: Harmful to aquatic life with long-lasting effects.
PRECAUTIONARY STATEMENTS:	P102: Keep out of reach of children. P201: Obtain special instructions before use. P202: Do not handle until all safety precautions have been read and understood. P260: Do not breathe mist. P264: Wash hands through after handling. P270: Do not eat, drink, or smoke when using this product. P273 Avoid release into the environment, P280: Wear protective gloves, clothing, and eye protection.
RESPONSE STATEMENTS:	P303+P361+353: IF ON SKIN: Take off immediately all contaminated clothing, rinse skin with water. P305+P351: IF IN EYES: Rinse cautiously with water for at least 15 minutes. If present, remove contact lenses if easy to do so. P308+P313: If exposed or concerned, get medical attention. P313+P332: If skin irritation occurs, get medical advice. P313+P337: If eye irritation persists, get medical attention. P314: Get medical attention if you feel unwell. P362+P364 Take off contaminated clothing and wash them before reuse.
STORAGE STATEMENTS:	P405: Store lock up.
DISPOSAL STATEMENTS:	P501: Dispose of content and container per local, regional, national or international regulations.

2.5 Hazards not otherwise classified (HNOC) or not covered by GHS Repeated exposure may cause skin

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dryness or cracking.

Section 3 - Composition / Information on Ingredients

3.1

CAS#	EC#	Chemical Names	Percent	Classification
N/A	N/A	Synthetic Gear Oil with Additives	100 %	None

3.2 Blend Contains

Chemical Names	CAS#	EC#	Classification
1-Octene, homopolymer, hydrogenated	70693-43-5	None Listed	Not classified
Mineral oil	64742-53-6	265-156-6	Carc. 1B H350
Phenylmethane	108-88-3	203-625-9	Flam. Liq. 2 H225, Asp. Tox. 1 H304, Skin Irrit. 2 H315, STOT SE 3 H336, Repr. 2 H361, STOT RE 2 H373
Amines, polyethylenepoly- reaction products	134758-95-5	603-861-6	Eye Irrit. 4 H319

3.3 Trade Secret Provision and Chemical Concentration Disclosure: Per OSHA and GHS Regulations, we have withheld a specific blend of the chemicals in this mixture. The chemical concentrations have been disclosed as a blend and apply to the hazards as identified in this Safety Data Sheet.

Section 4 - First Aid Measures

4.1 Eye: Contact with the eyes can irritate. Symptoms may include discomfort or pain and redness. Severe overexposure can result in swelling of the conjunctiva along with tissue damage.

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

4.2 Skin: Prolonged and repeated liquid contact can cause irritation, defatting, and drying of the skin.

Skin: Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid immediately. Wash clothing before reuse.

4.3 Ingestion: Causes headache, gastrointestinal pain, nausea, and. Aspiration of liquid into the lungs must be avoided as even small quantities in the lungs can produce chemical pneumonia, pulmonary edema, and even death.

Ingestion: Do NOT induce vomiting. Get medical aid immediately.

4.4 Inhalation: Prolonged breathing of high vapor concentrations can produce headaches, dizziness, nausea, and impaired vision.

Inhalation: Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult and **IF TRAINED**, give oxygen. Get medical aid. Do NOT use mouth-to-mouth resuscitation without protection.

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4.5 After first aid, get appropriate paramedic, or community medical support. The severity of outcome following exposure may be more related to the time between exposure and treatment, rather than the amount of the exposure. Therefore, there is a need for rapid treatment of any exposure.

4.6 Note to Physicians: If you determine that a medical emergency exists and the specific chemical identity is necessary for emergency or first-aid treatment, we will immediately disclose the specific chemical identity. We will require a written statement of need and confidentiality agreement, per OSHA's Trade Secret Regulations as soon as circumstances permit. In non-emergency situations, we will upon written request disclose a specific chemical identity

Section 5 - Fire-Fighting Measures

5.1 General Fire Hazards: Use water to cool containers exposed to fire.

5.2 Hazardous Combustion Products: Avoid fumes of burning products.

5.3 Extinguishing Media: Carbon dioxide, dry chemical, foam.

5.4 Fire Fighting Equipment/Instructions: Firefighters should wear full-face, self-contained breathing apparatus, and impervious protective clothing. Firefighters should avoid inhaling any combustion products.

Section 6 - Accidental Release Measures

6.1 Spill /Leak Procedures: Evacuate area. Only trained and properly protected personnel must be involved in clean-up operations. Keep upwind of the spill. Ventilate area of leak or spill.

6.2 Spills: Avoid direct contact with the material. Stop leak if without risk. Move containers from the spill area. Prevent entry into sewers or waterways. Contain and collect spillage with non-combustible, absorbent material such as sand, earth, vermiculite, or diatomaceous earth and place in a container for disposal.

Section 7 - Handling and Storage

7.1 Handling Precautions: Wash hands and exposed skin thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Avoid ingestion and contact with eyes, skin, or clothing. Keep the container tightly closed. Avoid inhalation.

7.2 Storage Requirements: Store in a tightly-closed container locked up.

Section 8 - Exposure Controls / Personal Protection

8.1

Chemical Names	ACGIH- TLV	OSHA - PEL
Synthetic Gear Oil with Additives	5mg/m3 TWA	5mg/m3 TWA

8.2

ACGIH® = American Conference of Governmental Industrial Hygienists. TLV® = Threshold Limit Value. OSHA = US Occupational Safety and Health Administration. PEL = Permissible Exposure Limits.

NOTE: TWA Means "TWA is the employee's average airborne exposure in any 8-hour work shift of a 40-hour workweek which shall not be exceeded.

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8.3 Ventilation: Provide general or local exhaust ventilation systems to maintain airborne concentrations below TLV/PELs. Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

8.4 Contaminated Equipment: Separate contaminated work clothes from street clothes and launder before reuse.
Remove this material from your shoes and clean personal protective equipment.

8.5 Personal protective equipment

8.5.1 Respiratory protection

Where risk assessment shows, air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type AXBEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied-air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

8.5.2 Hand protection

Handle with gloves. Gloves must be inspected before use. Use proper glove removal techniques to avoid skin contact with this product. Dispose of contaminated gloves after use. Select gloves tested to the **ANSI/ISEA 105-2011** or European EN374 Standard.

Full contact: Viton

Splash contact: Viton

Registered trademark of The Chemours Company FC, LLC.

8.5.3 Eye protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

8.5.4 Skin and body protection

Impervious clothing, flame retardant antistatic protective clothing, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

8.6 Protective Clothing Pictograms



Splash
Goggles



Gloves



Protective
Apron



Vapor
Respirator

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Section 9 - Physical and Chemical Properties

9.1

Physical State: Liquid

Appearance: Amber

Odor: Aromatic Hydrocarbon

Vapor Pressure: Not Available

Vapor Density (Air=1): Not Available

Specific Gravity (H₂O=1,): Not Available

Relative Density: Not Available

Odor Threshold: Not Available

Flammability (solid, gas): Not Applicable

Evaporation rate: Not Available

Partition coefficient octanol/water: Not Available

Water Solubility: Insoluble

Flash Point: 475°F, 246 °C close cup

Boiling Point: 695 °F, 368 °C

Freezing/Melting Point: Not Available

LEL: Not Applicable

UEL: Not Applicable

Viscosity: Kinematic 90cm²/s @104°F,40°C

Autoignition Temperature: Not Available

Decomposition temperature: Not Available

pH: None

Section 10 - Stability and Reactivity

10.1 Stability: Stable under ordinary conditions of use and storage.

10.2 Polymerization: Hazardous polymerization has not been reported.

10.3 Chemical Incompatibilities: Strong oxidizing agents.

10.4 Hazardous Decomposition Products: Combustion produces carbon monoxide and carbon dioxide.

10.5 Conditions to Avoid: Avoid heat, sparks open flames, and other ignition sources.

Section 11- Toxicological Information

11.1

Acute Toxicity Estimate for this blend (ATE)

ATE (Oral): >2000 mg/kg

ATE (Dermal): >2000 mg/kg

ATE (Inhalation vapor/mist): >5 mg/lmist

11.1.1 OECD Guideline Test results found in the European Chemical Agency Data Base shows that no components of this product to cause Harmful Oral Toxicity.

11.1.2 OECD Guideline Test results found in the European Chemical Agency Data Base shows that no components of this product to cause Harmful Dermal Toxicity.

11.1.3 OECD Guideline Test results found in the European Chemical Agency Data Base shows that no components of this product to cause Harmful Inhalation Toxicity.

11.2 Route of Entry: Ingestion, Absorption, Skin and Eye Contact

11.3 Aspiration Hazard: European Chemical Agency Data Base shows that components of this product may be fatal if swallowed and enters airways. However, the viscosity of this blend is greater than 20.5mm²/s.

11.4 Mutagenicity: OECD Guideline Test results found in the European Chemical Agency DataBase show no components of this product to cause genetic defects.

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11.5 Skin Corrosion/Irritation: OECD Guideline Test results found in the European Chemical Agency Data Base shows that no components of this product to cause skin irritation. Repeated exposure may cause skin dryness or cracking.

11.6 Serious Eye Damage/Irritation: OECD Guideline Test results found in the European Chemical Agency Data Base shows that no components of this product to cause serious eye irritation.

11.7 Reproductive toxicity: OECD Guideline Test results found in the European Chemical Agency DataBase show components of this product to cause damage to fertility or the unborn child.

11.8 Skin Sensitization OECD Guideline Tests results found in the European Chemical Agency DataBase show no components of this product to cause skin sensitivity.

11.9 Respiratory Sensitization OECD Guideline Tests results found in the European Chemical Agency DataBase show no components of this product to cause respiratory sensitivity.

11.10 Specific Target Organ Toxicity (Single Exposure): None

11.11 Specific Target Organ Toxicity (Repeated Exposure): Contains material which may cause damage to the following organs: Eyes, skin and respiratory system, liver, and kidney.

11.12 Signs and Symptoms: Effects due to exposure may include: Headache, Dizziness, Drowsiness, Metabolic Acidosis, Coma, Seizures. Symptoms may be delayed.

11.13 Carcinogenicity: OECD Guideline Test results found in the European Chemical Agency Data Base shows that components of this product to cause cancer, however. contains <3% DMSO extract per IP346.

Chemical Name	IARC	ACGIH	NTP	OSHA
Synthetic Gear Oil with Additives	Not listed	Not listed	Not listed	Not listed

Section 12 - Ecological Information

12.1

Product Name	Results	Species	Exposure
Synthetic Gear Oil with Additives	It is expected to be Harmful to aquatic organisms. May cause long-term adverse effects in the environment		

Toxicity: OECD Guideline Test results found in the European Chemical Agency DataBase show components of this product to cause harmful long-term toxicity to aquatic life.

12.2 Mobility: Floats on water

12.3 Persistence/degradability: No data available on the blend.

12.4 Bioaccumulation: No data available on the blend.

12.5 Other adverse effects: No data available on the blend.

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Section 13 - Disposal Considerations

13.1 Disposal: DO NOT REUSE EMPTY CONTAINER! The container should be emptied before discard. Contact a licensed contractor for detailed recommendations. Follow applicable federal, state, and local regulations.

Section 14 - Transport Information

14.1 US Transport Information

Not regulated

14.2 IMDG Transport Information

Not regulated

14.3 UN Dangerous Goods Transport Information

Not regulated

Section 15 - Regulatory Information

15.1 US Regulations

US. Toxic Substances Control Act: All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30.

Toxic Release Inventory (TRI): This product contains the following EPCRA section 313 chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know- Act of 1986 (40 CFR 372):

CAS Number	Chemical Name	Chemical percentage by weight not exceeding
108-88-3	Phenylmethane	1%

This information must be included in all SDSs that are copied and distributed for this material.

CERCLA Hazardous Substances and corresponding RQs: Phenylmethane 1000lbs.

SARA Community Right-to-Know Program: All components of this blend.

Clean Water Act: None

Clean Air Act: None

OSHA: All ingredients are regulated by 1910.1200

State Regulations

California prop. 65:



WARNING Reproductive Harm - www.P65Warnings.ca.gov

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Chemicals on the following State Right to Know Lists:

Massachusetts: All components of this product are on the Massachusetts Inventory or are exempt from Inventory requirements

New Jersey All components of this product are on the New Jersey inventory or are exempt from Inventory requirements

Pennsylvania: All components of this product) are on the Pennsylvania Inventory or are exempt from Inventory requirements.

15.2

International Regulations:

Australian Inventory of Chemical Substances: All components of this product are on the Inventory or are exempt from Inventory requirements.

National Existing Chemical Inventory in Taiwan: All components of this product are on the Inventory or are exempt from Inventory requirements.

Philippine Inventory of Chemicals and Chemical Substances All components of this product are on the Inventory or are exempt from Inventory requirements.

China Existing Chemical Inventory: All components of this product are on the Inventory or are exempt from Inventory requirements.

Section 16 - Other Information

16.1 Disclaimer: The information presented in this Safety Data Sheet is based on data believed to be accurate as of the date this Safety Data Sheet was prepared. HOWEVER, NO responsibility is assumed for any damage or injury resulting from abnormal use or from any failure to adhere to recommended practices. The information provided above is furnished on the condition that the person receiving them shall make their determination as to the suitability of the product for their particular purpose and on the condition that they assume the risk of their use.

16.2 References: CHEMpendium database of Canadian Centre for Occupational Health and Safety (CCOHS), JJ Keller online, European Chemical Agency DataBase Chinese Data Base Classification Labeling of Hazardous Chemicals, Australia Data Base for GHS Chemical Classification and MSDS and SDS of chemicals in this mixture.