



## Safety Data Sheet

Conforms to OSHA CFR 29 1910.1200 and aligns to the United Nations Globally Harmonized System

Conforms to The United Nations Regulation Globally Harmonized System

Date of Revision: 03/27/2015

Revision: 01

### Section 1 - Chemical Product and Company Identification

1.1 Product Name: VP Gear Oil 80W-90 GL4, 80W-90 LS GL5

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: **Danger**



2.3 Pictograms:

Health

Irritant

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### **2.4 Hazard Statements**

<b>PHYSICAL HAZARDS:</b>	None
<b>HEALTH HAZARDS</b>	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
<b>ENVIRONMENTAL HAZARDS:</b>	H412: Harmful to aquatic life with long lasting effects
<b>PRECAUTIONARY STATEMENTS:</b>	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 P280: Wear protective gloves, clothing, and eye protection
<b>RESPONSE STATEMENTS:</b>	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 or skin irritation persists get medical attention P314: Get medical attention if you feel unwell P370: In case of fire use foam, carbon dioxide, dry chemical to extinguish fire P376: Stop leaks if safe to do so
<b>STORAGE STATEMENTS:</b>	P405: Store lock up
<b>DISPOSAL STATEMENTS:</b>	P501: Dispose of content and/or container in accordance with local, regional, national or international regulations

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

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### Section 3 - Composition / Information on Ingredients

#### 3.1

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

#### 3.2 Blend Contains

Chemical Names	CAS#	EC#	Classification
Distillates (petroleum), solvent-dewaxed heavy paraffinic Distillates (petroleum), hydrotreated heavy paraffinic	64742-65-0	265-169-7	Carc. 1B H350
Distillates (petroleum), solvent-dewaxed heavy paraffinic Distillates (petroleum), hydrotreated heavy paraffinic	64742-54-7	265-157-1	Carc. 1B H350
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:** In accordance with OSHA and GHS Regulations we have withheld specific percentages of the chemicals in this mixture. The chemical concentrations have been disclosed as a blend and are applicable to the hazards as identified in this Safety Data Sheet.

### Section 4 - First Aid Measures

**4.1 Eye:** Contact with the eyes can cause irritation. 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 headache, dizziness, nausea, and impaired vision.

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**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.

**4.5 After first aid, get appropriate paramedic, or community medical support.** The severity of outcome following an 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, in accordance with 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 product.

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

**5.4 Fire Fighting Equipment/Instructions:** Fire fighters should wear full-face, self-contained breathing apparatus and impervious protective clothing. Fire fighters 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 spill. Ventilate area of leak or spill.

**6.2 Spills:** Avoid direct contact with material. Stop leak if without risk. Move containers from 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 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
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 work week 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 are 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 prior to use. Use proper glove removal technique 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: Nitrile rubber

Splash contact: Nitrile rubber

#### 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:** 45 mmHg@21°C

**Vapor Density (Air=1):** Not Available

**Specific Gravity (H<sub>2</sub>O=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

**Auto ignition Temperature:** Not Available

**LEL:** Not Applicable

**UEL:** Not Applicable

**Viscosity:** Kinematic 143 cm<sup>2</sup>/s@104°F,40°C

**Auto ignition 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 Product Name	Results	Species	Dose	Exposure
Gear Oil with Additives	Oral LD50	Rat	>2000 mg/kg	None Listed

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

**11.3 Aspiration Hazard:** European Chemical Agency Data Base shows that no components of this product may be fatal if swallowed and enters airways.

**11.4 Acute Toxicity:** Harmful if swallowed. OECD Guideline Test results found in the European Chemical Agency Data Base shows that no components of this product to be Harmful Oral Toxicity.

**11.5 Mutagenicity:** OECD Guideline Test results found in the European Chemical Agency Data Base show no components of this product to cause genetic defects.

**11.6 Skin Corrosion/Irritation:** OECD Guideline Test results found in the European Chemical Agency Data Base shows that components of this product to cause skin irritation. Repeated exposure may cause skin dryness or cracking.

**11.7 Serious Eye Damage/Irritation:** OECD Guideline Test results found in the European Chemical Agency Data Base shows that components of this product to cause serious eye irritation.

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**11.8 Reproductive toxicity:** OECD Guideline 421 Tests results found in the European Chemical Agency Data Base show components of this product to cause damage to fertility or the unborn child.

**11.9 Specific Target Organ Toxicity (Single Exposure):** None shown

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

**11.11 Signs and Symptoms:** Effects may include: Headache, Dizziness, Drowsiness. Symptoms may be delayed.

**11.12 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
Gear Oil with Additives	Not listed	Not listed	Not listed	Not listed

## Section 12 - Ecological Information

### 12.1

Product Name	Results	Species	Exposure
Gear Oil with Additives	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 Data Base show components of this product to cause long-term toxicity to aquatic life.

**12.2 Mobility:** Floats on water.

**12.3 Persistence/degradability:** No date available on the blend.

**12.4 Bioaccumulation:** No date available on the blend.

**12.5 Other adverse effects:** No date available on the blend.

## Section 13 - Disposal Considerations

**13.1 Disposal: DO NOT REUSE EMPTY CONTAINER!** Container should be completely emptied prior to discard. Container with residues should be considered to be hazardous wastes. Contact a licensed contractor for detailed recommendations. Follow applicable federal, state, and local regulations.

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### Section 14 - Transport Information

**14.1 US Transport Information**  
Not regulated

**14.2 IMDG Transport Information**  
Not regulated

**14.4 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.

**TRI Section 313:** Phenylmethane

**CERCLA Hazardous Substances and corresponding RQs:** Phenylmethane 1000lbs.

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

**Clean Water Act:** Phenylmethane

**Clean Air Act:** None

**OSHA:** All ingredients are regulated by 1910.1200

#### State Regulations

**California prop. 65:**



**WARNING** Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).”

#### 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 Substance:** All components of this product are on the Inventory or are exempt from Inventory requirements.



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**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 own 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 data base of Canadian Centre for Occupational Health and Safety (CCOHS), JJ Keller on Line, European Chemical Agency Data Base Chinese Data Base Classification Labeling of Hazardous Chemicals, Australia Data Base for GHS Chemical Classification and MSDS and SDS of chemicals in this mixture.