



## 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

Conforms to Regulation (EU) No 453/2010

Conforms to Regulation (EC) No 1272/2008 and aligns to the United Nations Globally Harmonized System  
Conforms to the Australian Preparation of Safety Data Sheets for Hazardous Chemicals under section 274 of the Work Health and Safety Act

### Section 1 - Chemical Product and Company Identification

1.1 Product Name: **Professional Grade Racing Oil SAE 0W-20,5W-30,10W-40,15W-50**

1.2 VP Racing Fuels, Inc., 7124 Richter Road, Elmhendorf, TX 78112, 210.635.7744

1.3 Recommended Use: **Professional Grade Racing Oil**

1.4 **RESTRICTIONS on USE** None

1.5 **Emergency Response Number: CHEMTREC 800-424-9300**

**International Emergency Telephone Number: +1-703-527-3887**

1.6 See Section 16.3 for CHEMTRC in Country Emergency Numbers

### Section 2 - Hazards Identification

#### 2.1 GHS HAZARD

##### Hazard Classes

**Eye Irritation**  
**Skin Irritation**  
**Specific Target Organs repeated exposure**  
**Reproductive Toxicity**  
**Toxic to Aquatic Life Long Lasting Effects**

##### Hazard Categories

**Category 2A**  
**Category 3**  
**Category 2**  
**Category 2**  
**Category 2**

2.2 Signal Word: **Warning**



#### 2.3 Pictograms:

Health Hazard

Irritant

Aquatic Hazard

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### 2.4 Hazard Statements

<b>PHYSICAL HAZARDS:</b>	<b>None</b>
<b>HEALTH HAZARDS</b>	<b>H316: Causes skin irritation H319: Causes serious eye irritation H361: Suspected of damaging fertility or the unborn child H373: May causes damage to organs</b>
<b>ENVIRONMENTAL HAZARDS:</b>	<b>H411: Toxic to aquatic life with long lasting effects</b>
<b>PRECAUTIONARY STATEMENTS:</b>	<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 P270: Do not eat, drink or smoke when using this product P271: Use only outdoors or in a well-ventilated area P272 Contaminated work clothing should not be allowed out of the workplace P273 Avoid release into the environment P280: Wear protective gloves, clothing and eye protection</b>
<b>RESPONSE STATEMENTS:</b>	<b>P303+P361+353: IF ON SKIN Take off immediately all contaminated clothing. Rinse skin with water P332+P313: IF SKIN IRRITATION occurs, get medical advice 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. P314: Get medical attention if you feel unwell</b>
<b>STORAGE STATEMENTS:</b>	<b>P405: Store lock up</b>
<b>DISPOSAL STATEMENTS:</b>	<b>P501: Dispose of content and/or container in accordance with local, regional, national or international regulations</b>

**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	Other Identifiers
N/A	N/A	Professional Grade Racing Oil fully synthetic oil with additives	100 %	None

**3.2 Blend Contains**

Chemical Names	CAS#	EC#
Zinc Alkyl dithiophosphate	84605-29-8	283-392-8
Lubricant oil	64742-65-0	265-169-7
Distillates (petroleum), hydrotreated light naphthenic	64742-53-6	265-156-6
Dec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated	68037-01-4	500-183-1
Phenylmethane	108-88-3	203-625-9
Distillates (petroleum), hydrotreated light	64742-47-8	265-149-8
Molybdenum Complexes	None Assigned	None Assigned
Borate ester	None Assigned	None Assigned
Alkaryl amine	None Assigned	None Assigned
Carboxylic acid ester	None Assigned	None Assigned
Alkyl borate	None Assigned	None Assigned
Long chain alkyl salicylate, calcium salt	None Assigned	None Assigned

**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 serious 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:** Contact can cause mild irritation.

**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.

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

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**4.4 Inhalation:** Can produce headache, 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.

**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. Call CHEMTREC 800-424-9300 or 703-527-3887. 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:** Avoid breathing vapors

**6.2 Spills:** Contain and collect spillage with 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.

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## Section 8 - Exposure Controls / Personal Protection

### 8.1

Chemical Names	ACGIH- TLV	OSHA - PEL
Professional Grade Racing Oil fully synthetic 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. \*Listed on the OSHA Z1 or Z2 Table

**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



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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:** 426°F, -219 °C close cup  
**Boiling Point:** 777 °F, 414 °C  
**Freezing/Melting Point:** Not Available  
**Viscosity:** Not Available  
**Auto ignition Temperature:** Not Available  
**LEL:** Not Applicable  
**UEL:** Not Applicable  
**Viscosity:** Kinematic 43-118 cm<sup>2</sup>/s104°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
Professional Grade Racing Oil fully synthetic oil with additives	Oral LD50	Rat	>2000 mg/kg	None Listed

**11.2 Route of Entry:** Inhalation, 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:** OECD Guideline 401 Tests 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 476 Tests 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 404 Tests results found in the European Chemical Agency Data Base shows that components of this product to cause skin irritation.

**11.7 Serious Eye Damage/Irritation:** OECD Guideline 405 Tests 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 no 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):** Central nervous system, mucous membranes, upper respiratory tract and lung.

**11.11 Signs and Symptoms:** Contains material which may cause damage to the following organs: Eyes and skin. Effects may include: Headache, Dizziness, Drowsiness. Symptoms may be delayed.

**11.12 Carcinogenicity:** OECD Guideline 453 Tests 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
Blend of Aliphatic and Aromatic Hydrocarbons C-2 to C-20	Not listed	Not listed	Not listed	Not listed

## Section 12 - Ecological Information

### 12.1

Product Name	Results	Species	Exposure
Blend of Aliphatic and Aromatic Hydrocarbons C-2 to C-20	Expected to be toxic to aquatic organisms. May cause long-term adverse effects in the environment		

**Toxicity:** OECD Guideline 204 Test results found in the European Chemical Agency Data Base show components of this product to cause long-term toxicity to fish.

**12.2 Mobility:** Floats on water

**12.3 Persistence/degradability:** No date available on the mixture

**12.4 Bioaccumulation:** No date available on the mixture

**12.5 Other adverse effects:** No date available on the mixture

## 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**

Less than 5 Liters single package Not regulated

Greater than 5 Liters single package



**ID No.:** UN 3082

**Shipping Name:** Environmentally Hazardous Substance, Liquid, n.o.s. (Zinc Alkyl Dithiophosphate)

**Hazard Class:** 9

**Packing Group:** III

**Marking:** MARINE POLLUTANT when shipping ground greater than 119 gallons' single container or any quantity by water.

**Label:** Class 9

**Placard:** Class 9

**14.2 TDG Canadian Transport Information**

Less than 5 Liters single package Not regulated

Greater than 5 Liters single package



**ID No.:** UN 3082

**Shipping Name:** Environmentally Hazardous Substance, Liquid, n.o.s. (Zinc Alkyl Dithiophosphate)

**Hazard Class:** 9

**Packing Group:** III

**Marking:** MARINE POLLUTANT not regulated if shipped by road or rail

**Label:** Class 9

**Placard:** Class 9

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### 14.3 IMDG Transport Information

Less than 5 Liters single package Not regulated

Greater than 5 Liters single package



**ID No.:** UN 3082

**Shipping Name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Zinc alkyl dithiophosphate)

**Hazard Class:** 9

**Packing Group:** III

**MARINE POLLUTANT Name:** Zinc Alkyl dithiophosphate

**EmS Number:** F-A, S-F

**Marking:** MARINE POLLUTANT

**Label:** Class 9

**Placard:** Class 9

### 14.4 ADR/RID Transport Information

Less than 5 Liters single package Not regulated

Greater than 5 Liters single package



**ID No.:** UN 3082

**Shipping Name:** Environmentally Hazardous Substance, Liquid, n.o.s. (Zinc Alkyl Dithiophosphate)

**Packing Group:** III

**Marking:** MARINE POLLUTANT

**Label:** Class 9

**Placard:** Class 9

**Classification Code:** M6

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**14.5 Australian Dangerous Goods Transport Information**

Less than 5 Liters single package Not regulated

Greater than 5 Liters single package



ID No.: UN 3082

Shipping Name: Environmentally Hazardous Substance, Liquid, n.o.s. (Zinc Alkyl Dithiophosphate)

Hazard Class: 9

Packing Group: III

Marking: MARINE POLLUTANT

Label: Class 9

Placard: Class 9

**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

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

**SARA Community Right-to-Know Program:** Phenylmethane

**Clean Water Act:** Phenylmethane

**Clean Air Act:** None

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

**State Regulations**

**California prop. 65:** Phenylmethane Reproductive

**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 Canadian Regulation:**

All substances contained in this product are listed on the Canadian Domestic Substances List (DSL) or are not required to be listed.

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### 15.3 Europe Regulations

All substances contained in this product are listed on the EU directives or are not required to be listed.

### 15.4 International Regulations:

**Australian Inventory of Chemical Substance:** 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 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.

### 16.3 CHEMTREC in country emergency dial numbers:

Australia (Sydney) + (61)-290372994  
China 4001-204937 must be call within China  
Germany 0800-181-7059 must be call within Germany  
Germany (Frankfurt) + (49)-6964350840  
Russia 8-800-100-6346 Must be call within Russia

**16.4 SDS Preparation Date** 01/11/2017

**SDS Previous Issue Date:** None

Prepared by SJC Compliance Education, Inc.  
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