



## *Safety Data Sheet*

Conforms to the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) in Australia  
Date of Revision: None Revision: 0

### Section 1 - Chemical Product and Company Identification

**1.1 Product Name: VP Professional Full Synthetic Racing Oil SAE 5W-30**

**1.2 Synonyms:** Blend

**1.3 Manufacture:** VP Racing Fuels, Inc., 7124 Richter Road, Elmendorf, TX 78112, 210.635.7744

**1.4 Supplier:** VP Racing Fuels Pty Ltd, Unit 24 85-115 Alfred Road, Chipping Norton, NSW 2170, Australia 02 9723 4233, **Emergency Telephone:** 0421 116 838.

**1.5 Recommended Use:** Lubricant

**1.6 RESTRICTIONS on USE** None

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

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

**CHEMTREC Australia (Sydney) +(61) 290372994**

**1.8 Poison Control Centre:** 13 11 26, 24 hours a day from anywhere in Australia.

### Section 2 - Hazards Identification

#### 2.1 GHS HAZARD

##### Hazard Classes

**Eye Irritation**

**Skin Irritation**

**Specific Target Organs single exposure**

**Specific Target Organs repeated exposure**

**Reproductive Toxicity**

**Toxic to Aquatic Life Long Lasting Effects**

##### Hazard Categories

**Category 2A**

**Category 2**

**Category 3**

**Category 2**

**Category 2**

**Category 2**

**2.2 Signal Word: Warning**

## VP Professional Full Synthetic Racing Oil SAE 5W-30

Conforms to the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) in Australia



Health Hazard



Irritant



Aquatic Hazard



Keep away from children

### 2.4 Hazard Statements

#### PHYSICAL HAZARDS:

None

#### HEALTH HAZARDS:

**H319: Causes serious eye irritation.**

**H361: Suspected of damaging fertility or the unborn child.**

**H336: May cause drowsiness or dizziness.**

**H373: May cause damage to organs through prolonged or repeated exposure.**

#### ENVIRONMENTAL HAZARDS:

**H411: Toxic to aquatic life with long-lasting effects**

#### PRECAUTIONARY STATEMENTS:

**P102: Keep out of reach of children.**

**P203: Obtain special instructions before use, READ SDS BEFORE USE.**

**P260: Do not breathe mist and vapor.**

**P270: Do not eat, drink, or smoke when using this product.**

**P271: Use only outdoors or in a well-ventilated area.**

**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.**

**P304+ P340: IF INHALED. Remove person to fresh air and keep comfortable for breathing.**

**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+P337: If skin or eye irritation occurs, get medical advice.**

**P314: Get medical attention if you feel unwell.**

**P391: Collect spillage.**

#### STORAGE STATEMENTS:

**P403+P235: Store in a well-ventilated place. Keep cool.**

**P405: Store locked up.**

## VP Professional Full Synthetic Racing Oil SAE 5W-30

Conforms to the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) in Australia

### 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: AUH066** Repeated exposure may cause skin dryness and cracking.

## Section 3 - Composition / Information on Ingredients

### 3.1

| Chemical Names   | CAS#       | EC#       | Percentage | Classification  |
|--|------------|-----------|------------|---|
| Lubricant oil  | 64742-65-0 | 265-169-7 | 50-55      | Carc. 1B H350   |
| Dec-1-ene, homopolymer, hydrogenated                   | 68037-01-4 | 500-183-1 | 25-29      | Asp. Tox. 1 H304  |
| Distillates (petroleum), hydrotreated light            | 64742-47-8 | 265-149-8 | 2-7        | Asp. Tox. 1 H304  |
| *Mineral Oil   | N/A        | N/A       | 2-7        | Carc. 1B H350   |
| Distillates (petroleum), hydrotreated light naphthenic | 64742-53-6 | 265-156-6 | 1-6        | Carc. 1B H350   |
| <b>Toluene</b>   | 108-88-3   | 203-625-9 | 1-5        | Flam. Liq 2 H225, Asp. Tox. 1 H304, Skin Irrit. 2 H315 STOT SE 3 H336, Repr. 2 H361, STOT RE 2 H373 |
| Zinc Alkyl dithiophosphate                             | 68649-42-3 | 272-028-3 | 1-5        | Skin Irrit. 2 H315, Eye Irrit. H319, Aquatic Chronic 2  |
| Molybdenum Complexes                                   | 7439-98-7  | 231-107-2 | 0.7-1      | Not Classified  |

\*The mineral oil contained in this blend may be described by one or more of the following CAS numbers: 64742-54-7, 64742-65-0, 64742-55-8, 64742-56-9.

**3.2 Trade Secret Provision and Chemical Concentration Disclosure:** In accordance with GHS Regulations, we have withheld specific percentages of the chemicals in this mixture. The chemical concentrations have been disclosed as a range and apply to the hazards 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.

**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 defatting and drying and lead to irritation and dermatitis.

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

## VP Professional Full Synthetic Racing Oil SAE 5W-30

Conforms to the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) in Australia

**4.3 Ingestion:** Liquid ingestion can cause inebriation, headache, gastrointestinal pain, nausea, and vomiting.

**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. Extreme overexposure can cause central nervous system depression, loss of consciousness, liver damage, and death resulting from respiratory failure.

**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 exposure may be related to the time between the exposure and treatment rather than the amount of 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 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 SMALL SPILLS:** Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapors or dust. Wipe up with a clean rag or paper towels). Collect and seal in properly labeled containers or drums for disposal.

**6.2 LARGE SPILLS:** Clear area of all unprotected personnel. Slippery when spilled. Avoid accidents clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapors. Work upwind or increase ventilation. Contain - prevent runoff into drains and waterways. Use absorbents such as soil, sand, or other inert material. Collect and seal in properly labeled containers or drums 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.

## VP Professional Full Synthetic Racing Oil SAE 5W-30

Conforms to the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) in Australia

**7.2 Storage Requirements:** Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials. Store away from sources of heat and ignition. Keep the container standing upright. Keep containers closed when not in use - regularly check for leaks.

### Section 8 - Exposure Controls / Personal Protection

#### 8.1

| Chemical Names   | ACGIH- TLV  | OELs            |
|--|-------------|-----------------|
| Lubricant oil  | 5mg/m3 TWA  | None shown      |
| Dec-1-ene, homopolymer, hydrogenated                   | 5mg/m3 TWA  | None shown      |
| Distillates (petroleum), hydrotreated light            | 5mg/m3 TWA  | None shown      |
| Mineral Oil  | 5mg/m3 TWA  | None shown      |
| Distillates (petroleum), hydrotreated light naphthenic | 5mg/m3 TWA  | None shown      |
| Toluene  | 20 ppm TWA  | 50 ppm 8 hours  |
| Zinc Alkyl dithiophosphate                             | 5mg/m3 TWA  | None shown      |
| Molybdenum Complexes                                   | 10mg/m3 TWA | 10mg/m3 8 hours |

#### 8.2

**ACGIH® = American Conference of Governmental Industrial Hygienists. TLV® = Threshold Limit Value.**

**OEL = Occupational 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.

**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 them 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

## VP Professional Full Synthetic Racing Oil SAE 5W-30

Conforms to the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) in Australia

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



## 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, 218.8 °C close cup

**Boiling Point:** 777 °F, 414 °C

**Freezing/Melting Point:** Not Available

**LEL:** Not Applicable

**UEL:** Not Applicable

**Viscosity:** Kinematic 43-118 cm<sup>2</sup>/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

#### 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/l mist

**11.1.1** OECD Guideline Test results found in the European Chemical Agency Database show no components of this product to cause Harmful Oral Toxicity.

## VP Professional Full Synthetic Racing Oil SAE 5W-30

Conforms to the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) in Australia

**11.1.2** OECD Guideline Test results found in the European Chemical Agency Database show no components of this product to cause Harmful Dermal Toxicity.

**11.1.3** OECD Guideline Test results found in the European Chemical Agency Database show that this product has no components to cause Harmful Inhalation Toxicity.

**11.2 Route of Entry:** Inhalation, Skin and Eye Contact

**11.3 Aspiration Hazard:** European Chemical Agency Data Base shows that this product's components may be fatal if swallowed and enters airways. However, the Viscosity is >20.5mm<sup>2</sup>/s @104°F 40°C.

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

**11.5 Skin Corrosion/Irritation:** OECD Guideline Test results found in the European Chemical Agency Database show that this product's components 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 Database show that this product's components cause eye irritation.

**11.7 Reproductive toxicity:** OECD Guideline Test results found in the European Chemical Agency Database show this product's components 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 product components to cause skin sensitivity.

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

**11.10 Specific Target Organ Toxicity (Single Exposure):** It contains material that may cause damage to the following organs: Eyes and skin.

**11.11 Target Organ Toxicity (Repeated Exposure):** It contains material that may cause damage to the following organs: Eyes and skin.

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

**11.13 Carcinogenicity:** OECD Guideline Test results found in the European Chemical Agency Database show that components of this product cause cancer; however, by test contains <3% DMSO extract per IP346 and is not considered to cause cancer.

## Section 12 - Ecological Information

### 12.1

| Product Name                         | Results        | Species | Exposure |
|--------------------------------------|----------------|---------|----------|
| Dec-1-ene, homopolymer, hydrogenated | LC50 1 mg/l    | Fish    | 96 hours |
| Lubricant oil                        | LC50 5000 mg/l | Fish    | 96 hours |
| Phenylmethane                        | LC50 7.6 mg/l  | Fish    | 96 hours |

## VP Professional Full Synthetic Racing Oil SAE 5W-30

Conforms to the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) in Australia

|  |                |      |          |
|--|----------------|------|----------|
| Distillates (petroleum), hydrotreated light            | LC50 2.6 mg/l  | Fish | 96 hours |
| Mineral Oil  | LC50 5000 mg/l | Fish | 96 hours |
| Distillates (petroleum), hydrotreated light naphthenic | LC50 100 mg/l  | Fish | 96 hours |
| Zinc Alkyl dithiophosphate                             | LC50 1-5 mg/l  | Fish | 96 hours |
| Molybdenum Complexes                                   | LC50 644 mg/l  | Fish | 96 hours |

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

**12.2 Mobility:** Floats on water.

**12.3 Persistence/degradability:** Inconclusive technical data.

**12.4 Bioaccumulation:** Inconclusive technical data.

**12.5 Other adverse effects:** Inconclusive technical data.

### Section 13 - Disposal Considerations

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

### Section 14 - Transport Information

#### 14.1 Australian 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 Zinc Alkyl dithiophosphate

**HAZCHEM Code:** 3Z, HIN 90

**Label:** Class 9

**Placard:** Class 9



## VP Professional Full Synthetic Racing Oil SAE 5W-30

Conforms to the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) in Australia

**AU01:** Environmentally Hazardous Substances meeting the descriptions of UN 3077 or UN 3082 are not subject to this Code when transported by road or rail in packaging that does not incorporate a receptacle exceeding 500 kg(L); or IBCs.

### 14.2 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

### 14.3 UN 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

## VP Professional Full Synthetic Racing Oil SAE 5W-30

Conforms to the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) in Australia

### Section 15 - Regulatory Information

#### 15.1

**Australian manufacturers and importers' obligations under the Australian Inventory of Industrial Chemicals (AIIC):** 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 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 product's suitability for their particular purpose and on the condition that they assume the risk of their use.

**16.2 References:** CHEMpendium database of the Canadian Centre for Occupational Health and Safety (CCOHS), European Chemical Agency Database, and MSDS and SDS of chemicals in this mixture.

**16.3 SDS Preparation Date** 01/25/2022

**SDS Previous issue Date:** None

Prepared by SJC Compliance Education, Inc.

1319 Varese Dr.

Pearland, TX 77581

[steve@sjcedu.org](mailto:steve@sjcedu.org)

END OF SAFETY DATA SHEET