



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 EX HP Hi-Performance SAE 0W-50 Racing Oil

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: Highly Stressed Race Engine Applications.

1.6 RESTRICTIONS on USE Gasoline Engines with Catalytic Converters

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

Skin Irritation

Eye Irritation

Acute Toxicity Inhalation

Harmful to Aquatic Life Long Lasting Effects

2.2 Signal Word: Warning

Hazard Categories

Category 2

Category 2A

Category 4

Category 3



Irritant



Keep away from children

VP EX HP Hi-Performance SAE 0W-50 Racing Oil

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

2.4 Hazard Statements

PHYSICAL HAZARDS:	None
HEALTH HAZARDS:	H315: Caused skin irritation. H319: Causes serious eye irritation. H332: Harmful if inhaled.
ENVIRONMENTAL HAZARDS:	H412: Harmful to aquatic life with long-lasting effects.
PRECAUTIONARY STATEMENTS:	P102: Keep out of reach of children. P260: Do not breathe mist and vapor. 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. P362+P364: Take off contaminated clothing and wash them before use.
STORAGE STATEMENTS:	None
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.

VP EX HP Hi-Performance SAE 0W-50 Racing Oil

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

Section 3 - Composition / Information on Ingredients

3.1

	CAS#	EC/List#	Percentage	Classification
Dec-1-ene, dimers, hydrogenated	68649-11-6	500-228-5	34-38	Asp. Tox 1 H304, Acute Tox. 4 H332
*Mineral oil	Not determined	Not determined	27-31	Carb. 1B H350
1-Octene Homopolymer, Hydrogenated	70693-43-5	813-310-3	16-20	Asp. Tox 1 H304, Acute Tox. N332
Hydrotreated, heavy naphthenic distillate	64742-52-5	265-155-0	13-17	Carb. 1B H350
Zinc Alkyl dithiophosphate	84605-29-8	283-392-8	1-2	Skin Irrit. 2 H315, Eye Irrit. 2A H319, Aquatic Chronic H412
Molybdenum	72030-25-2	615-708-0	0.8-1	Not Classified

***NOTE:** The mineral oil contained in this blend may be described by one or more of the following CAS Nos.: 64742-54-7, 64742-65-0, 64742-65-0, 64742-55-8, 64742-53-6 and 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 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: 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.

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

VP EX HP Hi-Performance SAE 0W-50 Racing Oil

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

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.

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	OEL
Dec-1-ene, dimers, hydrogenated	5mg/m3 TWA	None shown
Mineral oil	5mg/m3 TWA	None shown
1-Octene Homopolymer, Hydrogenated	5mg/m3 TWA	None shown
Hydrotreated, heavy naphthenic distillate	5mg/m3 TWA	None shown
Zinc Alkyl dithiophosphate	5mg/m3 TWA	None shown
Molybdenum	10mg/m3 TWA	10mg/m3 8 hours

VP EX HP Hi-Performance SAE 0W-50 Racing Oil

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

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

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

VP EX HP Hi-Performance SAE 0W-50 Racing Oil

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

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 (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: 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 cm²/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.

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 >20.5mm²/s @ 40°C.

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

VP EX HP Hi-Performance SAE 0W-50 Racing Oil

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

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 will not 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, dimers, hydrogenated	LC50 1mg/l	Fish	96 hours
Mineral Oil	LC50 5000 mg/l	Fish	96 hours
1-Octene Homopolymer, Hydrogenated	None Shown		
Hydrotreated, heavy naphthenic distillate	LC50 30000 mg/l	Fish	96 hours
Zinc Alkyl dithiophosphate	LC50 1-5 mg/l	Fish	96 hours
Molybdenum	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 harmful toxicity to aquatic life.

12.2 Mobility: Floats on water.

12.3 Persistence/degradability: Inconclusive technical data.

12.4 Bioaccumulation: Inconclusive technical data.

VP EX HP Hi-Performance SAE 0W-50 Racing Oil

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

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

Not regulated

14.2 IMDG Transport Information

Not regulated

14.3 UN Dangerous Goods Transport Information

Not regulated

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

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END OF SAFETY DATA SHEET