Safety Data Sheet

Section 1 - Chemical Product and Company Identification

Product Name: **VP Small Engine Fuel (Pre-Mixed Fuel + Oil)**

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

Recommended Use: Small Engine Fuel

RESTRICTIONS on USE

THIS FUEL IS FOR USE IN 2-CYCLE SMALL ENGINES ONLY!

NOT LEGAL FOR USE IN MOTOR VEHICLES

Emergency Telephone: CHEMTREC 800-424-9300

International Emergency Telephone Number: 703-527-3887

Section 2 - Hazards Identification

GHS CLASSIFICATION

Hazard	Categories
Highly Flammable liquid/vapor	Category 2
Causes skin irritation	Category 2
Aspiration Hazard	Category 1
Target Organs	Category 2
Eye Irritation	Category 2
Acute Toxicity (Oral)	Category 4
Toxic to aquatic life with long lasting effects	Category 2

Pictograms:

Signal Word Danger

Hazard Statements

PHYSICAL HAZARDS:	**H225: Highly flammable liquid and vapor**
HEALTH HAZARDS:	**H315: Causes skin irritation** **H304: May be fatal if swallowed and enters airways** **H320: Causes eye irritation** **H336: May cause drowsiness or dizziness** **H361: Suspected of damaging fertility or the unborn child**
ENVIRONMENTAL HAZARDS:	**H411: Toxic to aquatic life with long lasting effects**
PRECAUTIONARY STATEMENTS:	**P102: Keep out of reach of children** **P202: Do not handle until all safety precautions have been read and understood** **P210: Keep away from sparks and open flames- No smoking** **P260: Do not breathe vapors** **P280: Wear protective gloves, clothing and eye protection**
RESPONSE STATEMENTS:	**P301 +310+ P331: IF SWALLOWED: Immediately call the National POISON CENTER at 800-222-1222. DO NOT induce vomiting** **P303+P361+353: IF ON SKIN Take off immediately all contaminated clothing. Rinse skin with water** **P304+340: IF INHALED, Remove to fresh air and keep comfortable for breathing** **P305+P351: IF IN EYES rinse cautiously with water for at least 15 minutes** **P306+P361: IF ON CLOTHING, Take off contaminated clothing** **P370: In case of fire use foam, carbon dioxide, dry chemical to extinguish fire** **P376: Stop leaks if safe to do so. See section 6 for proper clean up**
STORAGE STATEMENTS:	**P403+P233: Store in a well-ventilated place. Keep container tightly closed**
DISPOSAL STATEMENTS:	**P501: Dispose of content and/or container in accordance with local, regional, national and/or international regulations**

Section 3 - Composition / Information on Ingredients

CAS#	Chemical Names	Percent
Proprietary	Component A	>50% <55 %

Proprietary	Component B	>20% <26%
Proprietary	Component C	>18% <23%
Proprietary	Component D	>1% <4%
Proprietary	Component E	>0.1% <0.5%

Trade Secret Provision and Chemical Concentration Disclosure: In accordance with OSHA and GHS Regulations we have withheld specific chemical identities. The chemical concentrations have been disclosed as a range and are applicable to the hazards as identified in this Safety Data Sheet.

Section 4 - First Aid Measures

Eye Contact: If irritation or redness develops from exposure, flush eyes with clean water at least 15 minutes, occasionally lifting the upper and lower eyelids. If symptoms persist, seek medical attention.

Skin: Skin Contact: Remove contaminated shoes and clothing, and flush affected area(s) with large amounts of water. If skin surface is damaged, apply a clean dressing and seek medical attention. If skin surface is not damaged, cleanse affected area(s) thoroughly by washing with mild soap and water .If irritation or redness develops, seek medical attention. Wash clothing before reuse.

Ingestion: Aspiration hazard: Do not induce vomiting or give anything by mouth because this material can enter the lungs and cause severe lung damage. If victim is drowsy or unconscious and vomiting, place on the left side with the head down. If possible, do not leave victim unattended and observe closely for adequacy of breathing. Seek medical attention.

Inhalation: If respiratory symptoms develop, move victim away from source of exposure and into fresh air in a position comfortable for breathing. If breathing is difficult and **IF TRAINED**, give oxygen. Get medical aid. Do NOT use mouth-to-mouth resuscitation.

After first aid, get appropriate paramedic, or community medical support.

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 or703-527-3887. 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

General Fire Hazards
Extremely flammable. This material can be ignited by heat, sparks, flames, or other sources of Ignition.
Hazardous Combustion Products
Combustion may yield smoke, carbon monoxide, and other products of incomplete combustion...
Extinguishing Media
Dry chemical, carbon dioxide, or foam is recommended. Water spray is recommended to cool or protect exposed materials or structures
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

Spill /Leak Procedures: Ventilate area highly flammable. Spillages of liquid product will create a fire hazard and may form an explosive atmosphere. Keep all sources of ignition away from the spill.
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

Handling Precautions: Keep away from ignition sources such as heat, sparks and open flames NO SMOKING Take precautionary measures against static discharge. Non sparking tools should be used. Wear protective gloves, clothing and eye protection. Wash thoroughly after handling. Use good personal hygiene practices and wear appropriate personal protective equipment. Empty containers retain residue and may be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, or other sources of ignition. They may explode and cause injury or death.
Storage Requirements: Store in original manufacture container tightly closed container in a cool, dry and well-ventilated area.
Chemical Incompatibilities: Strong oxidizing agents and strong reducing agents.

Section 8 - Exposure Controls / Personal Protection

Chemical Names	ACGIH	OSHA - PELs
Component A	300 ppm	300 ppm
Component B	600 ppm TWA	600 ppm TWA
Component C	100 ppm	200 ppm TWA
Component E	Not Established	Not Established
* Component F	5 mg/m3 (oil mist)	5 mg/m3 (oil mist)

*>1% of Component D
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."
Note: Toluene 500 ppm ceiling concentration**.**
Note: California PEL Component C 10ppm
Ceiling Concentration Means: 10-minute exposure MAXIMUM in 8 hour day.

Engineering Controls:

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

Protective Clothing/Equipment: Wear chemically protective gloves, boots, aprons, and gauntlets to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations (29 CFR 1910.133). Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

Safety Stations: Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

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

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material before eating, drinking, smoking, using the toilet, or applying cosmetics.

Protective Clothing Pictograms

Section 9 - Physical and Chemical Properties

Physical State: Liquid
Appearance: Various
Odor: Aromatic Petroleum Odor
Vapor Pressure: Not Available
Vapor Density (Air=1): 1-5
Specific Gravity (H_2O=1,): 0.7-0.8 @ 68ºF / 20ºC
pH: N/A

Water Solubility: Negligible
Flash Point: -22°F (-30°C)
Boiling Point: 95°F (>35°C)
Lower Explosive Limits (vol % in air): .09%
Upper Explosive Limits (vol % in air): 36%
Freezing/Melting Point: : Not Available
Viscosity: Not Available
Auto ignition Temperature: 550°F / 288°C

Section 10 - Stability and Reactivity

Stability: Stable under ordinary conditions of use and storage.
Polymerization: Hazardous polymerization has not been reported.
Hazardous Decomposition Products: Combustion produces carbon monoxide, aldehydes, aromatic and other hydrocarbons.
Conditions to Avoid: Avoid heat, sparks open flames and other ignition sources

Section 11- Toxicological Information

Toxicity Data: LD50 Component A
Oral LD50 Rat: > 5000 mg/kg
LD50 Component B
Oral LD50 Rat: 2400 mg/kg
LD50 Component C
Oral LD50 Rat: >870 mg/kg
LD50 Component E
Oral LD50 Rat: 22000 mg/kg
LD50 Component F
Oral LD50 Rat: > 5000 mg/kg

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

Aspiration Hazard: May be fatal if swallowed and enters airways
.
Skin Corrosion/Irritation: Causes skin irritation. Repeated exposure may cause skin dryness or cracking.

Serious Eye Damage/Irritation: Causes eye irritation.

Specific Target Organ Toxicity (Single Exposure): May cause drowsiness and dizziness.

Specific Target Organ Toxicity (Repeated Exposure): Contains material which may cause damage to the following organs: kidneys, lungs, liver, upper respiratory tract, skin, eyes, central nervous system (CNS).

Signs and Symptoms: Effects of overexposure can include slight irritation of the respiratory tract, nausea, vomiting, and signs of nervous system depression (e.g., headache, drowsiness, dizziness, loss of coordination, disorientation and fatigue).Continued exposure to high concentrations can result in vomiting, cardiac irregularities and sudden loss of consciousness.

Carcinogenicity: IARC, NTP and OSHA No chemicals listed in this solution is a known Cancer Hazard.

Section 12 - Ecological Information

Toxicity: Acute aquatic toxicity studies on samples of gasoline and naphtha streams show acute toxicity values greater than 1 mg/L and mostly in the range 1-100 mg/L. These tests were carried out on water accommodated fractions, in closed systems to prevent evaporative loss. Results are consistent with the predicted aquatic toxicity of these

substances based on their hydrocarbon composition. These substances should be regarded as toxic to aquatic organisms, with the potential to cause long term adverse effects in the aquatic environment.

Section 13 - Disposal Considerations

Disposal: Container contents should be completely used and containers should be emptied prior to discard. Container of residues should be considered to be hazardous wastes. Contact a licensed contractor for detailed recommendations. Follow applicable federal, state, and local regulations.

Section 14 - Transport Information

DOT Transport Information

ID No.: UN 3295
Shipping Name: Hydrocarbons, liquid, n.o.s.
Hazard Class: 3
Packing Group: II
Label: Flammable
Placard: Flammable

Limited quantity
Inner packaging not over
1.0L (0.3 gallons) net
Capacity each.

Packaging instruction
Passenger aircraft
Quantity limitation: 5 L

Cargo aircraft
Quantity limitation: 60 L

Special provisions
144, IB2, T7, TP1, TP8, TP28

TDG Canada Transport Information

ID No.: UN 3295
Shipping Name: Hydrocarbons, liquid, n.o.s.
Hazard Class: 3
Packing Group: II
Label: Flammable
Placard: Flammable

IMDG Transport Information

ID No.: UN 3295
Shipping Name: HYDROCARBONS, LIQUID, N.O.S.
Hazard Class: 3
Packing Group: II
Flash Point: (< 21.1˚ C)
MARINE POLUTANT
EmS Number: F-E, S-D
Marking: MARINE POLUTANT
Label: Flammable
Placard: Flammable

Section 15 - Regulatory Information

US Regulations:

TSCA: Component A, Component B. Component C, Component E
CERCLA Hazardous Substances and corresponding RQs: Component C 1000 pounds

SARA Community Right-to-Know Program: Component B

Clean Water Act: Component C

Clean Air Act: Component B. Component C

OSHA: All ingredients are listed in 1910.1200

State Regulations
California prop. 65: Component C causes birth defects or other reproductive harm

Chemicals on the following State Right to Know Lists:

California: Component A, Component C, Component F
Florida: Component A, Component C, Component F
Massachusetts: Component A, Component C, Component F
Minnesota: Component A, Component C, Component F
New Jersey: Component A, Component B, Component C, Component E, Component F
Pennsylvania: Component A, Component B, Component C, Component E, Component F
Rhode Island: Component A, Component C, Component F
New York: Component A, Component B, Component C Component F

Section 16 - Other Information

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.

VP Racing Fuels Preparation Date: 5/1/2012
VP Racing Fuels Revision Date: 6/20/2012 Section 14 IMDG UN 1993 to UN 3295
VP Racing Fuels Revision Date: 7/25/2012 Section 9 Revision of Flash Point