Safety Data Sheet

Conforms to OSHA CFR 29 1910.1200 and aligns to the United Nations Globally Harmonized System
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Section 1 - Chemical Product and Company Identification

1.1 Product Name: M1
1.2 VP Racing Fuels, Inc., 7124 Richter Road, Elmendorf, TX 78112, 210.635.7744
1.3 Recommended Use: Racing Fuel

1.4 RESTRICTIONS on USE THIS FUEL IS FOR RACING VEHICLE USE ONLY! NOT LEGAL FOR STREET DRIVEN MOTOR VEHICLE

1.5 Emergency Telephone: CHEMTREC 800-424-9300
   International Emergency Telephone Number: +1-703-527-3887

1.6 See Section 16.3 for CHEMTREC in Country Emergency Numbers
1.7 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

Section 2 - Hazards Identification

2.1 GHS HAZARD
Hazard Classes

<table>
<thead>
<tr>
<th>Hazard Class</th>
<th>Hazard Categories</th>
</tr>
</thead>
<tbody>
<tr>
<td>Highly Flammable liquid/vapor</td>
<td>Category 2</td>
</tr>
<tr>
<td>Specific Target Organ Toxicity single exposure</td>
<td>Category 1</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Category 1A</td>
</tr>
<tr>
<td>Eye Irritation</td>
<td>Category 2A</td>
</tr>
<tr>
<td>Skin Irritation</td>
<td>Category 2</td>
</tr>
<tr>
<td>Acute Toxicity (Oral)</td>
<td>Category 3</td>
</tr>
<tr>
<td>Acute Toxicity (Inhalation)</td>
<td>Category 4</td>
</tr>
<tr>
<td>Acute Toxicity (Dermal)</td>
<td>Category 3</td>
</tr>
</tbody>
</table>

2.2 Signal Word: Danger
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2.3 **Pictograms:**
- Flame
- Health hazard
- Toxic

2.4 **Hazard Statements**

**PHYSICAL HAZARDS:**
- H225: Highly flammable liquid and vapor

**HEALTH HAZARDS:**
- H301 + H311: Toxic if swallowed or in contact with skin
- H315: Causes skin irritation
- H319: Causes serious eye irritation
- H332: Harmful if inhaled
- H350: May cause cancer
- H370: Causes damage to organs

**PRECAUTIONARY STATEMENTS:**
- P102: Keep out of reach of children
- P202: Do not handle until all safety precautions have been read and understood
- P202: 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 + P310 + P331: IF SWALLOWED: USAImmediately call the National POISON CENTER at 800-222-1222. OUTSIDE USA Immediately call poison center or doctor. DO NOT induce vomiting
- P303 + P361 + P353: IF ON SKIN Take off immediately all contaminated clothing. Rinse skin with water
- P304 + P340: 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: Keep Cool Store in a well-ventilated place

**DISPOSAL STATEMENTS:**
- P501: Dispose of content and/or container in accordance with local, regional, national or international regulations
Section 3 - Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>CAS#</th>
<th>EC#</th>
<th>Chemical Names</th>
<th>Percent</th>
<th>Other Identifier</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-56-1</td>
<td>200-859-6</td>
<td>Methanol</td>
<td>100%</td>
<td>Methyl Alcohol</td>
</tr>
</tbody>
</table>

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 of the skin and can lead to irritation and/or 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. Wash clothing before reuse.

4.3 **Ingestion**: Liquid ingestion can cause inebriation, headache, gastrointestinal pain, nausea, and vomiting leading to central nervous system depression. 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. Excessive 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.**

4.6 **Note to Physicians**: The severity of outcome following ingestion may be more related to the time between ingestion and treatment, rather than the amount ingested. Therefore, there is a need for rapid treatment of any ingestion exposure.

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, and 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: 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.

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: 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.

7.2 Storage Requirements: Store in original manufacture container tightly closed container in a cool, dry and well-ventilated area.

7.3 Chemical Incompatibilities: Strong oxidizing agents and strong reducing agents.

Section 8 - Exposure Controls / Personal Protection

8.1

<table>
<thead>
<tr>
<th>Chemical Names</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methanol</td>
<td>200 ppm TWA</td>
<td>*250 ppm TWA</td>
</tr>
</tbody>
</table>

STEL = Short-term Exposure Limit.
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 "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 Table

8.2 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.

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

8.4 Personal protective equipment
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).
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Hand protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching
glove's outer surface) to avoid skin contact with this product.
Full contact: Butyl-rubber
Splash contact: Nitrile rubber

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).

Skin and body protection
Complete suit protecting against chemicals. Flame retardant antistatic protective clothing and the type of protective
equipment must be selected according to the concentration and amount of the dangerous substance at the specific
workplace

8.5 Protective Clothing Pictograms

Section 9 - Physical and Chemical Properties

9.1
Physical State: Liquid
Appearance: Clear
Odor: Pungent
Vapor Pressure: 141mmHg@21°C
Vapor Density (Air=1): 1.1
Specific Gravity (H2O=1): .75
pH: N/A

Water Solubility: Completely miscible
Flash Point 49.5 °F, 9.7 °C - closed cup
Boiling Point: 149 °F, 65 °C
Freezing/Melting Point: -144 °F, -98 °C
Viscosity: Not Available
Auto Ignition Temperature: 851.0 °F, 455.0 °C at
1,013 hPa (760 mmHg)
LEL: 6%
UEL: 36%

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

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Results</th>
<th>Species</th>
<th>Dose</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methanol</td>
<td>Oral LDLO</td>
<td>Human</td>
<td>143mg/kg</td>
<td>None Listed</td>
</tr>
<tr>
<td>Methanol</td>
<td>Oral LD50</td>
<td>Rat</td>
<td>2131 mg/kg</td>
<td>None Listed</td>
</tr>
</tbody>
</table>

11.1.1 OECD Guideline 401 Tests results found in the European Chemical Agency Data Base shows that components of this product to be Acute Oral Toxicity.

11.1.2 OECD Guideline 403 Tests results found in the European Chemical Agency Data Base shows that components of this product to be Harmful Oral Inhalation.

11.1.3 OECD Guideline 402 Tests results found in the European Chemical Agency Data Base shows that components of this product to Acute Dermal Toxicity

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

11.3 Aspiration Hazard: None

11.4 Skin Corrosion/Irritation: Causes skin irritation. Repeated exposure may cause skin dryness or cracking.

11.5 Serious Eye Damage/Irritation: Causes eye irritation.

11.6 Specific Target Organ Toxicity (Single Exposure): May cause damage to the following organs: Eyes, Kidney, Liver, Heart, Central nervous system.

11.7 Specific Target Organ Toxicity (Repeated Exposure): None Found

11.8 Signs and Symptoms: Effects of overexposure can include Methyl alcohol may be fatal or cause blindness if swallowed. Effects due to ingestion may include: Headache, Dizziness, Drowsiness, metabolic acidosis, Coma, Seizures. Symptoms may be delayed.

11.9 Carcinogenicity:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>IARC</th>
<th>ACGIH</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methanol</td>
<td>Not listed</td>
<td>Confirmed Human Carcinogen</td>
<td>Not listed</td>
<td>Not listed</td>
</tr>
</tbody>
</table>

Section 12 - Ecological Information

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Results</th>
<th>Species</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methanol</td>
<td>LC50 29.4 mg/L</td>
<td>Fish</td>
<td>96 hrs</td>
</tr>
<tr>
<td>Methanol</td>
<td>LC50 22,200 mg/L</td>
<td>Daphnia</td>
<td>48 hours</td>
</tr>
</tbody>
</table>

12.2 Toxicity: This chemical is not regarded as toxic to aquatic organisms. However DO NOT discharge into a sewer or waterway.

12.3 Mobility: Floats on water, absorbs to soil and has low mobility.

12.4 Persistence/degradability: This product contains no components that may persist in the environment.
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12.5 PBT and vPvB assessment: This substance is not considered to be persistent, bioaccumulating nor toxic (PBT). This substance is not considered to be very persistent nor very bioaccumulating (vPvB).

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.

Section 14 - Transport Information

14.1 US Transport Information

ID No.: UN 1230
Shipping Name: Methanol
Hazard Class: 3, (6.1)
Packing Group: II
Label: Flammable, Toxic
Placard: Flammable, Toxic

14.2 TDG Canadian Transport Information

ID No.: UN 1230
Shipping Name: Methanol
Hazard Class: 3, (6.1)
Packing Group: II
Label: Flammable, Toxic
Placard: Flammable, Toxic
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14.3 IMDG Transport Information

ID No.: UN 1230
Shipping Name: METHANOL
Hazard Class: 3, (6.1)
Packing Group: II
Flash Point: 9.7 °C - closed cup
EmS Number: F-E, S-E
Label: Flammable, Toxic
Placard: Flammable, Toxic

14.3 ADR/RID Transport Information

ID No.: UN 1230
Shipping Name: Methanol
Hazard Class: 3, (6.1)
Flash Point: 9.7 °C - closed cup
Packing Group: II
Label: Flammable, Toxic
Placard: Flammable, Toxic

Australian Dangerous Goods Transport Information

ID No.: UN 1230
Shipping Name: Methanol
Hazard Class: 3, (6.1)
Flash Point: 9.7 °C - closed cup
Packing Group: II
Label: Flammable, Toxic
Placard: Flammable, Toxic
Hazman Code: 2WE HIN 338
M1
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Section 15 - Regulatory Information

15.1 US Regulations
TSCA: Methanol
CERCLA Hazardous Substances and corresponding RQs: Methanol 5000 pounds
SARA Community Right-to-Know Program: Methanol
Clean Water Act: None
Clean Air Act: Methanol
OSHA: All ingredients are regulated by 1910.1200

State Regulations
California prop. 65: Methanol Developmental

Chemicals on the following State Right to Know Lists:
Massachusetts: Methanol
New Jersey: Methanol
Pennsylvania: Methanol

15.2 Canadian Regulation:
The following substances are specified on the public Portion of the Domestic Substances List (DSL):
Methanol

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 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.
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16.2 References: CHEMpendium data base of Canadian Centre for Occupational Health and Safety (CCOHS), JJ
Keller on Line, European Chemical Agency Data Base 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 03/17/2015
SDS Previous issue Date: None
Prepared by SJC Compliance Education, Inc
16516 El Camino Real Suite 417
Houston, TX 77062