Section 1 - Chemical Product and Company Identification

1.1 Product Name: NO2
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 Response Number: 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

<table>
<thead>
<tr>
<th>Hazard Classes</th>
<th>Hazard Categories</th>
</tr>
</thead>
<tbody>
<tr>
<td>Highly Flammable liquid/vapor</td>
<td>Category 2</td>
</tr>
<tr>
<td>Specific Target Organs toxicity single exposure</td>
<td>Category 3</td>
</tr>
<tr>
<td>Specific Target Organs toxicity repeated exposure</td>
<td>Category 1</td>
</tr>
<tr>
<td>Eye Irritation</td>
<td>Category 2B</td>
</tr>
<tr>
<td>Skin Irritation</td>
<td>Category 2</td>
</tr>
<tr>
<td>Acute Toxicity Oral</td>
<td>Category 4</td>
</tr>
<tr>
<td>Reproductive Toxicity</td>
<td>Category 1B</td>
</tr>
<tr>
<td>Aspiration Hazard</td>
<td>Category 1</td>
</tr>
<tr>
<td>Toxic to Aquatic Life long Lasting Effects</td>
<td>Category 2</td>
</tr>
</tbody>
</table>

2.2 Signal Word: Danger
NO2
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 (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

2.3 **Pictograms:**
Flame Health Hazard Irritant Aquatic Hazard

2.4 **Hazard Statements**

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

**HEALTH HAZARDS:**
- H202: Harmful if swallowed
- H304: May be fatal if swallowed and enter the airway
- H315: Causes skin irritation
- H319: Causes serious eye irritation
- H361: Suspected of damaging fertility or the unborn child
- H336: May cause drowsiness or dizziness
- H372: Causes damage to organs

**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: USA Immediately call the National POISON CENTER at **800-222-1222**, OUT SIDE USA Immediately call poison center or doctor.DO NOT induce vomiting
- P303+361+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: Keep Cool Store in a well-ventilated place
NO2
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 (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

DISPOSAL STATEMENTS: P501: Dispose of content and/or container in accordance with local, regional, national or
international regulations

2.5 Hazards not otherwise classified (HNOC) or not covered by GHS: Repeated exposure may cause skin dryness
or cracking.

### Section 3 - Composition / Information on Ingredients

#### 3.1

<table>
<thead>
<tr>
<th>CAS#</th>
<th>EC#</th>
<th>Chemical Names</th>
<th>Percent</th>
<th>Other Identifiers</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>Blend of Aliphatic and Aromatic</td>
<td>100%</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Hydrocarbons C-2 to C-20</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### 3.2 Blend Contains

<table>
<thead>
<tr>
<th>Chemical Names</th>
<th>CAS#</th>
<th>EC#</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,2,4-TMP</td>
<td>540-84-1</td>
<td>208-759-1</td>
</tr>
</tbody>
</table>

#### 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 range 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: 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. 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.
NO2

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 (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

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
confidence 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: 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: 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 in a cool, dry and well-ventilated area.

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>Blend of Aliphatic and Aromatic Hydrocarbons C-2 to C-20</td>
<td>300 ppm TWA</td>
<td>*300 ppm TWA</td>
</tr>
</tbody>
</table>

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: Fluorinated rubber
Splash contact: Fluorinated 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

9.1 Physical State: Liquid
Appearance: Clear
Odor: Aromatic Hydrocarbon Odor
Vapor Pressure: 329.9 mmHg@21°C
Vapor Density (Air=1): .26
Specific Gravity (H2O=1): 0.86 @ 68°F / 20°C
pH: None

Water Solubility: Insoluble
Flash Point: 0°F (-18°C) closed cup
Boiling Point: 106°F (42°C)
Lower Explosive Limits (vol % in air): 1%
Upper Explosive Limits (vol % in air): 18%
Melting Point: Not Available
Viscosity: Not Available
Auto ignition Temperature: Not Available
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: Acids, 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>Blend of Aliphatic and Aromatic Hydrocarbons C-2 to C-20</td>
<td>Oral LD50</td>
<td>Rat</td>
<td>&lt;2000 mg/kg</td>
<td>Non Listed</td>
</tr>
</tbody>
</table>

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

11.3 Aspiration Hazard: May be fatal if swallowed and enters airways

11.4 Acute Toxicity: Harmful if swallowed

11.5 Mutagenicity: No

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

11.7 Serious Eye Damage/Irritation: Causes eye irritation.

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

11.9 Reproductive toxicity: Suspected of damaging fertility or the unborn child

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

11.11 Signs and Symptoms: Effects of overexposure can include 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

11.12 Carcinogenicity: No

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>IARC</th>
<th>ACGIH</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blend of Aliphatic and Aromatic Hydrocarbons C-2 to C-20</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
<td>Not listed</td>
</tr>
</tbody>
</table>
Section 12 - Ecological Information

12.1

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Results</th>
<th>Species</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blend of Aliphatic and Aromatic Hydrocarbons C-2 to C-20</td>
<td>Toxic to aquatic organisms. May cause long-term adverse effects in the environment</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Toxicity:** These substances should be regarded as toxic to aquatic organisms, with the potential to cause long term adverse effects in the aquatic environment. Prevent leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

12.2 **Mobility:** Floats on water

12.3 **Persistence/degradability:** No date available on this product

12.4 **Bioaccumulation:** No date available on this product

12.5 **Other adverse effects:** No date available on this product

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

**US Transport Information**

- **ID No.:** UN 1268
- **Shipping Name:** Petroleum Distillates, n.o.s
- **Hazard Class:** 3
- **Packing Group:** II
- **Label:** Flammable
- **Marking:** Marine Pollutant 2, 2, 4-TMP when shipping ground greater than 119 gallons single container or any quantity By water
- **Placard:** Flammable
NO2
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 (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

TDG Canadian Transport Information

ID No.: UN 1268
Shipping Name: Petroleum Distillates, n.o.s
Hazard Class: 3
Packing Group: II
Label: Flammable
Marking: MARINE POLLUTANT 2, 2, 4-TMP not regulated if shipped by road or rail
Placard: Flammable

IMDG Transport Information

ID No.: UN 1268
Shipping Name: PETROLEUM DISTILLATES, N.O.S
Hazard Class: 3
Packing Group: II
Flash Point: (-43°Cc.)
EmS Number: F-E, S-E
Label: Flammable
Marking: MARINE POLLUTANT 2, 2, 4-TMP
Placard: Flammable

ADR/RID Transport Information

ID No.: UN 1268
Shipping Name: Petroleum Distillates, n.o.s
Hazard Class: 3
Packing Group: II
Label: Flammable
Marking: Marine Pollutant 2, 2, 4-TMP
Placard: Flammable
Classification Code: F1
**NO2**

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 (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

**Australian Dangerous Goods Transport Information**

![Flammable Liquid]

ID No.: UN 1268  
Shipping Name: Petroleum Distillates, n.o.s  
Hazard Class: 3  
Packing Group: II  
Label: Flammable  
Marking: Marine Pollutant 2, 2, 4-TMP  
Marking: MARINE POLLUTANT The marine pollutant mark is only applicable for packages containing more than 5 liter for liquids  
Placard: Flammable

**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: 2, 2, 4-TMP 1000 pounds

SARA Community Right-to-Know Program: None

Clean Water Act: Phenylmethane, 2, 2, 4-TMP

Clean Air Act: None

OSHA: All ingredients are regulated by 1910.1200

State Regulations  
California prop. 65: None

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:  
The following substances are specified on the public Portion of the Domestic Substances List (DSL): All substances contained in this product are listed on the Canadian Domestic Substances List (DSL) or are not required to be listed.
**NO2**
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 (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

15.3 Europe Regulations
Classification and labeling have been determined according to EU Directives 67/548/EEC and 1999/45/EC. 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.

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

16.3 **SDS Preparation Date** 07/24/2015
**SDS Previous issue Date:** None
Prepared by SJC Compliance Education, Inc
16516 El Camino Real Suite 417
Houston, TX 77062