



## *Safety Data Sheet*

Compliant with Regulation (EU) No 830/2015  
Compliant with CLP Regulation (EU) No 1272/2008

Date of Issue 04/04/2019  
Date of Revision 06/02/2019

Revision 02

### Section 1 - Chemical Product and Company Identification

#### 1.1 Product Identifier

Product Name: **MS109**

EC No: Blend

CAS No: Blend

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: Racing Fuel

Uses advised against: **THIS FUEL IS FOR RACING VEHICLE USE ONLY! NOT LEGAL FOR STREET DRIVEN MOTOR VEHICLE**

#### 1.3 Details of the supplier of the safety data sheet:

VP Racing Fuels, Inc  
7124 Richter Road  
Elmendorf, TX. 78112  
210.635.7744  
E-mail: [Compliance@vpracingfuels.com](mailto:Compliance@vpracingfuels.com)

#### 1.4 Emergency Telephone Numbers:

**CHEMTREC 800-424-9300**

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

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### 1.4 Emergency Telephone Continued:

| EUROPE                           |                    |                |                                  |
|----------------------------------|--------------------|----------------|----------------------------------|
| CHEMTREC Austria (Vienna)        | +(43)-13649237     |                | German                           |
| CHEMTREC Belgium (Brussels)      | +(32)-28083237     |                | French, Flemish, German          |
| CHEMTREC Bulgaria (Plovdiv)      | +(359)-32570104    |                | Bulgarian                        |
| CHEMTREC Croatia (Zagreb)        | +(385)-17776920    |                | Croatian                         |
| CHEMTREC Czech Republic (Prague) | +(420)-228880039   |                | Czech                            |
| CHEMTREC Denmark                 | +(45)-69918573     |                | Danish                           |
| CHEMTREC Estonia                 | +(372)-6681294     |                | Estonian                         |
| CHEMTREC Finland (Helsinki)      | +(358)-942419014   |                | Finnish                          |
| CHEMTREC France                  | +(33)-975181407    |                | French                           |
| CHEMTREC Germany *               |                    | 0800-181-7059  | German                           |
| CHEMTREC Germany (Frankfurt)     | +(49)- 69643508409 |                | German                           |
| CHEMTREC Greece (Athens)         | +(30)-2111768478   |                | Greek                            |
| CHEMTREC Hungary (Budapest)      | +(36)-18088425     |                | Hungarian                        |
| CHEMTREC Ireland (Dublin)        | +(353)-19014670    |                | English and Irish                |
| CHEMTREC Italy *                 |                    | 800-789-767    | Italian                          |
| CHEMTREC Italy (Milan)           | +(39)-0245557031   |                | Italian                          |
| CHEMTREC Latvia (Riga)           | +(371)-66165504    |                | Latvian                          |
| CHEMTREC Lithuania (Vilnius)     | +(370)-52140238    |                | Lithuanian                       |
| CHEMTREC Luxembourg              | +(352)-20202416    |                | French, German, Luxembourgish    |
| CHEMTREC Netherlands             | +(31)-858880596    |                | Dutch                            |
| CHEMTREC Norway (Oslo)           | +(47)-21930678     |                | Norwegian                        |
| CHEMTREC Poland (Warsaw)         | +(48)-223988029    |                | Polish                           |
| CHEMTREC Portugal                | +(351)-308801773   |                | Portuguese                       |
| CHEMTREC Romania                 | +(40)-37-6300026   |                | Romanian                         |
| CHEMTREC Russia*                 |                    | 8-800-100-6346 | Russian                          |
| CHEMTREC Serbia ††               | N/A                | N/A            | Serbian                          |
| CHEMTREC Slovakia (Bratislava)   | +(421)-233057972   |                | Slovak                           |
| CHEMTREC Slovenia (Ljubljana)    | +(386)-18888016    |                | Slovene/Slovenian                |
| CHEMTREC Spain*                  |                    | 900-868538     | European Spanish                 |
| CHEMTREC Spain (Barcelona)       | +(34)-931768545    |                | European Spanish                 |
| CHEMTREC Sweden (Stockholm)      | +(46)-852503403    |                | Swedish                          |
| CHEMTREC Switzerland (Zurich)    | +(41)- 435082011   |                | Swiss German, French and Italian |
| CHEMTREC Turkey (Istanbul)       | +(90)-212-7055340  |                | Turkish                          |
| CHEMTREC Ukraine                 | +(380)-947101374   |                | Ukrainian                        |
| CHEMTREC UK (London)             | +(44)-870-8200418  |                | English                          |

\*Phone numbers for countries marked with an asterisk must be dialed within the country

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† Phone numbers marked with a double dagger have a DID and greeting ONLY supplied by CHEMTREC

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### 1.5 Emergency Posion control Centers Phone Numbers:

| Country        | Organization                                                                                                | Address                                                                                           | Phone/ Fax Number         |
|----------------|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------------|
| Austria        | Umweltbundesamt<br>GmbH<br>Abteilung<br>Chemikalien                                                         | Spittelauer Lände 5<br>1090 Wien                                                                  | Tel:+43 1 31304 5620      |
| Belgium        | Centre antipoisons /<br>Antigif Centrum                                                                     | Hôpital Militaire Reine<br>Astrid Rue Bruyn 1,<br>1120 Bruxelles                                  | Tel:+32 02 264 96 36      |
| Bulgaria       | National Toxicology<br>Center                                                                               | Hospital for Active Medical<br>Treatment and Emergency<br>Medicine "N.I.Pi rogov"<br>Sofia - 1000 | Tel/ fax: +359 2 9154 409 |
| Croatia        | Croatian Institute for<br>Toxicology and<br>Antidoping                                                      | 10000 Zagreb<br>Borongajska cesta 83 g                                                            | Fax: + 385 01 46 41 368   |
| Cyprus         | Department of Labour<br>Inspection Ministry of Labour<br>Welfare and Social Insurance                       | 12, Apelli street,<br>Nicosia 1493,<br>Cyprus<br>C/o Dr Maria Paleomilitou                        | Tel: +35722405611         |
| Czech Republic | Department of<br>Chemicals and<br>Biocides<br>Ministry of Health                                            | Palackého nám stí 4<br>CZ - 128 01 Prague 2                                                       | None shown                |
| Denmark        | The Product Registry,<br>Danish Working<br>Environment Authority<br>(only mixtures for<br>professional use) | Postboks 1228<br>0900 København C                                                                 | Tel: +45 70 12 12 88      |
| Denmark        | The Danish<br>Environmental<br>Protection Agency                                                            | The Danish<br>Environmental<br>Protection Agency                                                  | Tel: +45 72 54 40 00      |
| Estonia        | Poisoning Information Centre<br>Health Board                                                                | Gonsiori 29, 15027 Tallinn,<br>Estonia                                                            | Tel: +372 62 69 379       |
| Finland        | Chemical Products<br>Register, Finnish<br>Safety and Chemicals<br>Agency (Tukes)                            | Kalevantie 2,<br>FI-33100 Tampere                                                                 | None shown                |

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### 1.5 Emergency Poison control Centers Phone Numbers Continued:

| Country    | Organization                                                                                 | Address                                                                             | Phone/ Fax Number                             |
|------------|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------|
| France     | Institut national de recherche et de sécurité (INRS)                                         | 65 boulevard Richard Lenoir 75011 PARIS                                             | Tel:+33 1 40 44 30 00                         |
| France     | Centre antipoison et de toxicovigilance de Nancy                                             | Hôpital Central<br>29 avenue du Maréchal de Lattre de Tassigny<br>54035 Nancy Cedex | Tel :+33 3 83 22 50 50                        |
| Germany    | Federal Institute for Risk Assessment (BfR)<br>Unit: Poison and Product Documentation Centre | Max-Dohrn-Str. 8-10<br>10589 Berlin                                                 | Tel.+49 30-18412-3460<br>Fax+49 30-18412-3929 |
| Greece     | General Chemical State Laboratory, Directorate of Environment, section B                     | An. Tsoha 16, GR-115 21 Athens                                                      | Tel:+30 210 6479409,<br>Fax:+30 210 6466917   |
| Hungary    | National Institute of Chemical Safety (HU: Országos Kémiai Biztonsági Intézet, OKBI)         | Nagyvárad tér 2<br>BUDAPEST<br>H-1096                                               | None Shown                                    |
| Ireland    | Beaumont Hospital - National Poisons Information Centre                                      | Beaumont Road,<br>Dublin 9,                                                         | Tel:+353 1 8092566                            |
| Italy      | Istituto Superiore di Sanità,<br>National Center for Chemicals                               | Viale Regina Elena, 299<br>I-00161 ROMA                                             | Tel:+39 0649906140 and<br>+39 0649902064      |
| Latvia     | Latvian Environment, Geology and Meteorology Centre (LEGMC)                                  | Maskavas Street 165<br>Riga, LV-1019                                                | Tel:+371 67032600                             |
| Lithuania  | Environmental Protection Agency                                                              | Juozapavi iaus st. 9, LT-09311 Vilnius, Lithuania                                   | Tel:+ 370 70662008<br>Fax:+ 370 70662000      |
| Luxembourg | Ministère de la Santé                                                                        | Allée Marconi, L-2120 Luxembourg                                                    | Tel:+ 352 24785551                            |

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### 1.5 Emergency Posion control Centers Phone Numbers Continued:

| Country        | Organization                                                                                              | Address                                                                                                                 | Phone/ Fax Number                                |
|----------------|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| Malta          | None Shown                                                                                                | None Shown                                                                                                              | None Shown                                       |
| Netherlands    | National Poisons Information Center<br>University Medical Center Utrecht                                  | PO Box 85500,<br>3508 GA Utrecht                                                                                        | Tel:+31 88 75 585 61                             |
| Poland         | Department for Dangerous Substances and Preparations/<br>/Bureau for Chemical Substances and Preparations | Dowborczykow Street<br>30/34<br>90-019 Lodz                                                                             | Phone: +48 42 25 38 400<br>Fax: +48 42 25 38 444 |
| Portugal       | Centro de Informação Antivenenos Instituto Nacional de Emergência Médica                                  | Rua Almirante Barroso, n.º<br>36<br>1000-013 Lisboa - Portugal                                                          | Tel:+ 351 213 303 271                            |
| Romania        | National Institute for Public Health                                                                      | Dr. A. Leonte,<br>1-3, sector 5,<br>Bucuresti                                                                           | Tel:+40 21 318 36 06                             |
| Slovakia       | National toxicological information centre                                                                 | University Hospital Bratislava<br>Department of Occupational Medicine and Toxicology<br>Limbova 5,<br>833 05 Bratislava | Tel:+ 421 2 5465 2307                            |
| Slovenia       | Chemicals Office (CORS), Ministry of Health                                                               | Ajdovš ina 4,<br>SI - 1000 Ljubljana                                                                                    | Tel:+386 1 400 60 51<br>Fax:+386 1 400 62 66     |
| Spain          | Instituto Nacional de Toxicología y Ciencias Forenses                                                     | Calle José Echegaray, 4<br>28032 Las Rozas de Madrid, Madrid                                                            | Tel:+34 917689800                                |
| Sweden         | The Swedish Poison Information Center at the Medical Product Agency                                       | Giftinformationscentralen,<br>171 76 STOCKHOLM                                                                          | Tel:+46 8 331231                                 |
| United Kingdom | National Poisons Information Service (NPIS)                                                               | None shown                                                                                                              | None shown                                       |
| Norway         | Norwegian Environment Agency                                                                              | Postboks 5672 Sluppen,<br>7485 Trondheim                                                                                | Tel:+47 73 58 05 00                              |

## Section 2 - Hazards Identification

### 2.1 Classification of the blend

Classification according to Regulation EU) No 1207/2008

|                                                 |            |      |
|-------------------------------------------------|------------|------|
| Highly Flammable liquid/vapor                   | Category 2 | H225 |
| Specific Target Organs toxicity single exposure | Category 3 | H336 |
| Skin Irritation                                 | Category 2 | H315 |
| Aspiration Hazard                               | Category 1 | H304 |
| Very Toxic to Aquatic Life                      | Category 1 | H400 |
| Very Toxic to Aquatic Life Long Lasting Effects | Category 1 | H410 |

Additional Information: For full text of H and P codes see section 2.2 and 2.3

### 2.2 Pictograms



Signal Word: **Danger!**

#### Hazard statements

H304: May be fatal if swallowed and enter the airway  
H315: Causes skin irritation  
H319: Causes serious eye irritation  
H336: May cause drowsiness or dizziness  
H400: Very toxic to aquatic life  
H410: Very 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 have  
P210: Keep away from sparks and open flames- No smoking  
P240: Ground or bond container and receiving equipment  
P241: Use explosion-proof equipment  
P242 Use only non-sparking tools  
P243 Take precautionary measures against static discharge  
P260: Do not breathe vapors  
P264: Wash hands thoroughly after handling  
P270: Do not eat, drink or smoke when using this product  
P271: Use only outdoors or in well ventilated area  
P273: Avoid release to the environment  
P280: Wear protective gloves, clothing and eye protection

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### Supplemental hazard information

P301 +310+ P331: Immediately call poison center or doctor.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

P362+P364: IF ON CLOTHING, take off contaminated clothing and wash it before reuse

P313+P332: If skin irritation persists get medical attention

H314: Get medical attention if you feel unwell

### 2.3 Other hazards

P370: In case of fire use foam, carbon dioxide, dry chemical to extinguish fire

P403+P405+P235: Store in a well-ventilated place, store locked up and keep cool

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

## Section 3 - Composition / Information on Ingredients

### 3.1

| Chemical Names                                           | Index No.   | EC No.    | REACH No.                  | CAS No   | Percent | Classification                    |
|----------------------------------------------------------|-------------|-----------|----------------------------|----------|---------|-----------------------------------|
| Blend of Aliphatic and Aromatic Hydrocarbons C-2 to C-20 | N/A         | N/A       | N/A                        | N/A      | 40-45%  | None                              |
| 2-Methyl-2-ethoxypropane                                 | None Listed | 211-309-7 | Below Tonnage Requirements | 637-92-3 | 55-60%  | Flam. Liq. 2 H225, STOT SE 3 H336 |

### 3.2 Blend

| Chemical Names           | Index No.    | EC No.    | REACH No              | CAS No   | Classification                                                                                                         |
|--------------------------|--------------|-----------|-----------------------|----------|------------------------------------------------------------------------------------------------------------------------|
| 2, 2, 4-Trimethylpentane | 601-009-00-8 | 208-759-1 | 01-2119457965-22-XXXX | 540-84-1 | Flam. Liq. 2 H225, Asp. Tox. 1, H304, Skin Irrit. 2 H315, STOT SE 3 H336, Aquatic Acute 1 H400, Aquatic Chronic 1 H410 |

**3.3 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 blend and are applicable to the hazards as identified in this Safety Data Sheet.

## Section 4 - First Aid Measures

### 4.1 Description of first aid measures

**Following 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.

**Following Skin contact:** 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.

**Following eye contact:** Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

**Following ingestion:** Do NOT induce vomiting. Get medical aid immediately.

**4.2 Most important symptoms and effects, both acute and delayed:** The severity of outcome following an exposure may be more related to the time between the exposure and treatment, rather than the amount of the exposure. Therefore, there is a need for rapid treatment of any exposure.

**4.3 Indication of any immediate medical attention and special treatment needed:** 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, 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 Extinguishing media:** Carbon dioxide, dry chemical, foam. Use water to cool containers exposed to fire

**5.2 Special hazards arising from the substance or mixture:** Avoid fumes of burning product.

**5.3 Advice for fire-fighters:** Fire fighters should wear full-face, self-contained breathing apparatus and impervious protective clothing. Fire fighters should avoid inhaling any combustion products.

**Additional information:** Do not release runoff from fire to sewers or waterways.

## Section 6 - Accidental Release Measures

**6.1 Personal precautions, protective equipment and emergency 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 Environmental precautions:** Avoid direct contact with material. Stop leak if without risk. Move containers from spill area. Prevent entry into sewers or waterways.

**6.3 Methods and material for containment and cleaning up:** Contain and collect spillage with non-combustible, absorbent material such as sand, earth, vermiculite or diatomaceous earth and place in a container for disposal.

**6.4 Reference to other sections:** See section 8

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**Section 7 - Handling and Storage**

**7.1 Precautions for safe handling:** 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 Conditions for safe storage, including any incompatibilities:** Store in a tightly closed container in a cool, dry and well-ventilated area.

**7.3 Specific end use(s):** Racing fuel only

**Section 8 - Exposure Controls / Personal Protection**

**8.1 Exposure limits values**

| Chemical Names                                              | ACGIH- TLV  | OSHA - PEL                    |
|-------------------------------------------------------------|-------------|-------------------------------|
| Blend of Aliphatic and Aromatic Hydrocarbons<br>C-2 to C-20 | 300 ppm TWA | 300 ppm TWA                   |
| 2-Methyl-2-ethoxypropane                                    | 25 ppm TWA  | 5 ppm 8 hrs./ Short term None |

**8.2 Exposure control**

**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.

**Contaminated Equipment:** Separate contaminated work clothes from street clothes and launder before reuse.

Remove this material from your shoes and clean personal protective equipment.

**Individual protection measures**

**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).

**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: Nitrile 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**

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

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**Thermal Hazards:** Combustion produces carbon monoxide and carbon dioxide

**Environmental exposure controls:** Follow instructions as given above.

## Section 9 - Physical and Chemical Properties

### 9.1

**Physical State:** Liquid

**Appearance:** Clear

**Odor:** Aromatic Petroleum Odor

**Vapor Pressure:** Not Available

**Vapor Density (Air=1):** 3.9

**Specific Gravity (H<sub>2</sub>O=1.):** 0.724

**Odor Threshold:** Not Available

**Flammability (solid, gas):** Not applicable.

**Evaporation rate:** Not Available

**Partition coefficient octanol/water:** Not Available

**Water Solubility:** Insoluble

**Flash Point:** 10.4°F (-12°C)

**Boiling Point/ Range:** 210°F (99°C)

**Lower Explosive Limits (vol % in air):** 1%

**Upper Explosive Limits (vol % in air):** 6%

**Viscosity:** Kinematic < 20.5 mm<sup>2</sup>/s 104°F (40°C)

**Auto ignition Temperature:** Not Available

**Decomposition temperature:** Not Available

**pH:** None

### 9.2 Other information:

No data available

## Section 10 - Stability and Reactivity

**10.1 Reactivity:** The product is reactive with the incompatible materials (please refer section 10.5).

**10.2 Chemical stability:** Stable under ordinary conditions of use and storage.

**10.3 Possibility of hazardous reactions:** Hazardous polymerization has not been reported.

**10.4 Conditions to avoid:** Avoid heat, sparks open flames and other ignition sources

**10.5 Incompatible materials:** Strong oxidizing agents

**10.6 Hazardous decomposition products:** Combustion produces carbon monoxide and carbon dioxide

## Section 11- Toxicological Information

### 11.1 Information on toxicological effects

#### Acute toxicity

| Product Name                                             | Results   | Species | Dose                  | Exposure    |
|----------------------------------------------------------|-----------|---------|-----------------------|-------------|
| Blend of Aliphatic and Aromatic Hydrocarbons C-2 to C-20 | Oral LD50 | Rat     | >300mg/kg <2000 mg/kg | None Listed |
| 2-Methyl-2-ethoxypropane                                 | Oral LD50 | Rat     | 4000 mg/kg            | None Listed |
| Tetraethyle plumb                                        | Oral LD50 | Rat     | 14.18 mg/kg           | None Listed |

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

**Aspiration Hazard:** European Chemical Agency Data Base shows that components of this product may be fatal if swallowed and enters airways.

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**Acute Toxicity:** harmful if swallowed. OECD Guideline 401 Tests results found in the European Chemical Agency Data Base shows that no components of this product to be Harmful Oral Toxicity.

**Mutagenicity:** OECD Guideline Test results found in the European Chemical Agency Data Base show no components of this product to cause genetic defects.

**Skin Corrosion/Irritation:** OECD Guideline Test results found in the European Chemical Agency Data Base shows that components of this product to cause skin irritation. Repeated exposure may cause skin dryness or cracking.

**Serious Eye Damage/Irritation:** OECD Guideline Test results found in the European Chemical Agency Data Base shows that components of this product to cause serious eye irritation.

**Reproductive toxicity:** OECD Guideline Test results found in the European Chemical Agency Data Base show no components of this product to cause damage to fertility or the unborn child.

**Specific Target Organ Toxicity (Single Exposure):** European Chemical Agency Data Base shows that components of this product may cause drowsiness and dizziness.

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

**Signs and Symptoms:** Effects due to exposure may include: Headache, Dizziness, Drowsiness, Metabolic Acidosis, Coma, Seizures. Symptoms may be delayed.

**Carcinogenicity:** OECD Guideline Test results found in the European Chemical Agency Data Base shows that no components of this product to cause cancer.

## Section 12 - Ecological Information

### 12.1

| Product Name                                             | Results                                                                                                | Species | Exposure |
|----------------------------------------------------------|--------------------------------------------------------------------------------------------------------|---------|----------|
| Blend of Aliphatic and Aromatic Hydrocarbons C-2 to C-20 | Expected to be very toxic to aquatic organisms. May cause long-term adverse effects in the environment |         |          |
| 2-Methyl-2-ethoxypropane                                 | LC50 100 mg/l                                                                                          | Fish    | 96 hours |

**12.2 Mobility in soil:** Inconclusive technical data.

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

**12.4 Bioaccumulation:** Inconclusive technical data.

**12.5 Results of PBT and vPvB assessment:** Inconclusive technical data.

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

**Other information:** No data found

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### 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 IMDG Transport Information



ID No.: UN 1203  
Shipping Name: GASOLINE  
Hazard Class: 3  
Packing Group: II  
Flash Point: (-12°C c.c.)  
EmS Number: F-E, S-E  
Label: Flammable  
Placard: Flammable  
Marking: Marine Pollutant 2, 2, 4-Trimethylpentane

#### 14.2 ADR/RID Transport Information



ID No.: UN 1203  
Shipping Name: Gasoline  
Hazard Class: 3  
Packing Group: II  
Label: Flammable  
Placard: Flammable  
Marking: Marine 2, 2, 4-Trimethylpentane  
Classification Code: F1

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### 14.3 UN Dangerous Goods Transport Information



ID No.: UN1203

Shipping Name: Gasoline

Hazard Class: 3

Packing Group: II

Label: Flammable

Placard: Flammable

Marking: Marine Pollutant 2, 2, 4-Trimethylpentane

## Section 15 - Regulatory Information

**15.1** Safety, health and environmental regulations/legislation specific for the substance: No information available.

**15.1.1 EU regulations:** All substances contained in this product are listed on the EU directives or are not required to be listed.

**15.2** Chemical safety assessment: For this substance, a chemical safety assessment is not required.

## Section 16 - Other Information

**16.1** This safety data sheet is drawn up to comply with the requirements Commission Regulation (EU) No 830/2015 of 28 May 2015.

### 16.2 Key or legend to abbreviations and acronyms used in the safety data sheet:

ADR: European Agreement concerning international carriage of Dangerous goods by Road  
CAS: Chemical Abstracts Service  
EC: European Community  
H: Hazard Statement  
P: Precautionary statements  
IMDG: International Maritime Dangerous Goods

**16.3 Key literature references and sources for data:** 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.

**16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]:** See SECTION 2.1 (classification).

### 16.5 Relevant H and P Codes (number and full text):

Hazard statements  
H304: May be fatal if swallowed and enter the airway  
H315: Causes skin irritation  
H319: Causes serious eye irritation  
H336: May cause drowsiness or dizziness  
H400: Very toxic to aquatic life  
H410: Very toxic to aquatic life with long lasting effects

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### Precautionary statements

P102: Keep out of reach of children

P202: Do not handle until all safety precautions have been read and understood have

P210: Keep away from sparks and open flames- No smoking

P240: Ground or bond container and receiving equipment

P241: Use explosion-proof equipment

P242 Use only non-sparking tools

P243 Take precautionary measures against static discharge

P260: Do not breathe vapors

P264: Wash hands thoroughly after handling

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

P271: Use only outdoors or in well ventilated area

P280: Wear protective gloves, clothing and eye protection

### 16.6 Training advice: None

### 16.7 Further information: None

**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.

### 16.8

Prepared by SJC Compliance Education, Inc

16516 El Camino Real Suite 417

Houston, TX 77062

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

