# *Safety Data Sheet*

**Conforms to OSHA 29 CFR 1910.1200 and aligns to the United Nations Globally Harmonized System**
**Date of Revision: None** **Revision: 0**

## Section 1 - Chemical Product and Company Identification

**1.1 Product Name: Speed Sauce**
**1.2** VP Racing Fuels, Inc., 7124 Richter Road, Elmendorf, TX 78112, 210.635.7744
**1.3** Recommended Use: Water-Methanol Injection Fluid

**1.4 RESTRICTIONS on USE** **THIS INJECTION FLUID IS NOT A FUEL**

**1.5 Emergency Response Number: CHEMTREC 800-424-9300**

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

## Section 2 - Hazards Identification

## 2.1 GHS HAZARD

| Hazard Classes | Hazard Categories |
|---|---|
| Flammable liquid | Category 3 |
| Specific Target Organ Toxicity single exposure | Category 1 |
| Acute Toxicity (Oral) | Category 4 |
| Acute Toxicity (Inhalation) | Category 4 |
| Acute Toxicity (Dermal) | Category 4 |

**2.2 Signal Word: Danger**

**2.3 *Pictograms:***

Flame Health hazard

**2.4 *Hazard Statements***

**PHYSICAL HAZARDS:** **H226: Flammable liquid and vapor.**

| | |
|---|---|
| **HEALTH HAZARDS:** | **H302; Harmful if swallowed.**<br>**H311: Harmful contact with skin.**<br>**H331: Harmful if inhaled.**<br>**H370: Causes damage to organs.** |
| **PRECAUTIONARY STATEMENTS:** | **P102: Keep out of reach of children.**<br>**P210: Keep away from sparks and open flames- No smoking.**<br>**P223: Keep container tightly closed.**<br>**P240: Ground or bond container and receiving equipment.**<br>**P241: Use explosion-proof equipment.**<br>**P242 Use only non-sparking tools.**<br>**P243 Take precautionary measures against static discharge.**<br>**P261: Avoid breathing vapors and mist.**<br>**P264: Wash skin and hands thoroughly after handling.**<br>**P270: Do not eat, drink, or smoke when using this product.**<br>**P271: Use only outdoors or in a well-ventilated area.**<br>**P280: Wear protective gloves, clothing, eye, and face protection.** |
| **RESPONSE STATEMENTS:** | **P301 +P312+ P331: IF SWALLOWED: USA Immediately call the National POISON CENTER at 800-222-1222.DO NOT induce vomiting.**<br>**P303+P361+P353: IF ON SKIN, Take off immediately all contaminated clothing. Rinse skin with water.**<br>**P304+P331+P340: IF INHALED. Remove to fresh air and keep comfortable for breathing.**<br>**P308+P313: If exposed or concerned, get medical attention.**<br>**P330: Rinse mouth.**<br>**P361+P364: Take off contaminated clothing and wash it before reuse**<br>**P370+ P378: In a fire, use foam, carbon dioxide, dry chemicals to extinguish the fire.** |
| **STORAGE STATEMENTS:** | **P403+P235: Store in a well-ventilated place. Keep cool.**<br>**P405: Store locked up.** |
| **DISPOSAL STATEMENTS:** | **P501: Dispose of content and container following 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**

| CAS# | Chemical Names | Percent | Classification |
|---|---|---|---|
| 67-56-1 | Methanol | 50% | Flam. Liq. H225, Acute Tox. H301, Acute Tox. 3, H311, Acute Tox. 3, H331, STOT SE1 H370 |
| 7732-18-5 | Water | 50% | Not Clasified |

## Section 4 - First Aid Measures

**4.1 Eye:** Contact with the eyes can irritate. 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 skin and can lead to irritation.

**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 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 exposure may be more related to the time between the exposure and treatment than the amount of the exposure. Therefore, there is a need for rapid treatment of any 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 products.

**5.3 Extinguishing Media** Carbon dioxide, dry chemical, and 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 Spill /Leak Procedures:** Ventilate area highly flammable. Spillages of the 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 the material. Stop leak if without risk. Move containers from the 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 it 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 ignition sources. They may explode and cause injury or death.

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

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

## Section 8 - Exposure Controls / Personal Protection

**8.1**

| Chemical Names | ACGIH- TLV | OSHA – PEL |
|---|---|---|
| Methanol | 200ppm TWA | 200 ppm TWA |

**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 workweek which shall not be exceeded."

**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 them 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).

Hand protection
Handle with gloves. Gloves must be inspected before 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, 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:** Blue
**Odor:** Aromatic Pungent
**Vapor Pressure:** Not Available
**Vapor Density (Air=1):** >1
**Specific Gravity ($H_2O$=1,):** Not Available
**Odor Threshold:** Not Available
**Flammability (solid, gas):** Not applicable.
**Evaporation rate:** Not Available
**Partition coefficient octanol/water:** log Pow - Not Available

**Water Solubility:** Completely miscible
**Flash Point:** 80.6°F (27°C)
**Boiling Point/ Range:** Not Available
**Lower Explosive Limits (vol % in air):** 6%
**Upper Explosive Limits (vol % in air):** 36%
**Viscosity:** Kinematic Not Available
**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**

Acute Toxicity Estimate for this blend (ATE)
ATE (Oral): 588.2 mg/kg
ATE (Dermal): 1449 mg/kg
ATE (Inhalation): 14.4 mg/l

11.1.1 OECD Guideline Test results found in the European Chemical Agency Database show that this product's components are Harmful Oral Toxicity.

11.11.2 OECD Guideline Test results found in the European Chemical Agency Database show that this product's components are Harmful Inhalation Toxicity.

11.11.3 OECD Guideline Test results found in the European Chemical Agency Database show this product's components to Harmful Dermal Toxicity.

**11.2 Route of Entry:** Inhalation**,** Ingestion, Absorption, Skin, and Eye Contact.

**11.3 Aspiration Hazard:** European Chemical Agency Database shows that no components of this product may be fatal if swallowed and enters airways.

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

**11.5 Skin Corrosion/Irritation:** OECD Guideline Test results found in the European Chemical Agency Database shows that no components of this product 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 no components of this product cause serious eye irritation.

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

**11.8 Skin Sensitisation:** OECD Guideline Test results found in the European Chemical Agency Database show no components of this product cause skin sensitivity.

**11.9 Respiratory Sensitisation:** OECD Guideline Test results found in the European Chemical Agency Database show no components of this product cause respiratory sensitivity.

**11.10 Specific Target Organ Toxicity (Single Exposure):** European Chemical Agency Database shows that components of this product may cause damage to the following organs: Eyes, Kidney, Liver, Heart, Central nervous system.

**11.11 Specific Target Organ Toxicity (Repeated Exposure):** None

**11.12 Signs and Symptoms:** Effects of overexposure can include Methanol 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.

**11.13 Carcinogenicity:** OECD Guideline Tests results found in the European Chemical Agency Database show no components of this product to cause cancer.

| Chemical Name | IARC | ACGIH | NTP | OSHA |
|---|---|---|---|---|
| Methanol | Not listed | Confirmed Human Carcinogen | Not listed | Not listed |

## Section 12 - Ecological Information

**12.1**

| Product Name | Results | Species | Exposure |
|---|---|---|---|
| Methanol | LC50 29.4 mg/L | Fish | 96 hours |
| Methanol | LC50 22,200 mg/L | Daphnia | 48 hours |

**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 the soil and has low mobility.

**12.4 Persistence/degradability:** This product contains no components that may persist in the environment.

**12.5 PBT and vPvB assessment:** This substance is not considered persistent, bioaccumulating, or toxic (PBT). This substance is not considered to be very persistent nor very bioaccumulating (vPvB).

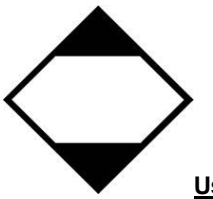
## Section 13 - Disposal Considerations

**13.1 Disposal: DO NOT REUSE EMPTY CONTAINER!** The container should be completely emptied before discard. 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 1993
**Shipping Name:** Flammable liquids n.o.s. (Methanol)
**Hazard Class:** 3
**Packing Group:** III
**Label:** Flammable
**Placard:** Flammable



**Use marking when shipping as a consumer commodity ground in the US** 14.2

**14.2**
**DOT Transport Limited Quantity/Consumer Commodity**
Inner packaging not over

5.0L (1.3 gallons) net capacity each.
Outer Package not over 30kg (66lbs) each

## Section 15 - Regulatory Information

### 15.1 US Regulations

**TSCA: US. Toxic Substances Control Act:** Methanol

**Toxic Release Inventory (TRI):** This product contains the following EPCRA section 313 chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know- Act of 1986 (40 CFR 372):

| CAS Number | Chemical Name | Chemical percentage by weight not exceeding |
|---|---|---|
| 67-56-1 | Methanol | 50% |

This information must be included in all SDSs that are copied and distributed for this material.

**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 29 CFR1910.1200.

**State Regulations**
**California prop. 65**:

This product can expose you to chemicals: Methanol CAS # 167-56-1 known to the State of California to cause reproductive harm. For more information, go to www.P65Warnings.ca.gov.

**Chemicals on the following State Right to Know Lists:**

**Massachusetts:** Methanol

**New Jersey**: Methanol

**Pennsylvania:** Methanol

## 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 determine 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 Canadian Centre for Occupational Health and Safety (CCOHS), JJ Keller online, European Chemical Agency Database and MSDS and SDS of chemicals in this mixture.

**16.3 SDS Preparation Date** 10/05/2021
**SDS Previous Issue Date:** None

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END OF SAFETY DATA SHEET