



Safety Data Sheet

Conforms to 29 OSHA CFR 1910.1200 and aligns to the United Nations Globally Harmonized System
Date of Revision: 01/21/2022 Revision: 0

Section 1 - Chemical Product and Company Identification

1.1 Product Name: **Speed Sauce Plus**

1.2 Synonym: Denatured Ethanol Blend

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

1.4 Recommended Use: Water-Ethanol Injection Fluid

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

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

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

1.7 See Section 16.3 for CHEMTREC in Country Emergency Numbers

Section 2 - Hazards Identification

2.1 GHS HAZARD

Hazard Classes

Flammable liquids
Eye Irritation

Hazard Categories

Category 2
Category 2A

2.2 Signal Word: **Danger**



Flame



Irritant



Keep away from children

2.4 Hazard Statements

PHYSICAL HAZARDS:

H225: Highly Flammable liquid and vapor.

HEALTH HAZARDS:

H319: Causes serious eye irritation.

Speed Sauce Plus

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ENVIRONMENTAL HAZARDS:

H411: None

PRECAUTIONARY STATEMENTS:

P102: Keep out of reach of children.
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.

RESPONSE STATEMENTS:

P305+P351: IF IN EYES: Rinse cautiously with
water for at least 15 minutes.
P313+P337: If eye irritation persists, get
medical attention.
P370: In case of fire, use foam, carbon dioxide,
dry chemicals to extinguish the fire.

STORAGE STATEMENTS:

P403+P235: Store in a well-ventilated place.
keep cool.

DISPOSAL STATEMENTS:

P501: Dispose of content and container per
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. IF ON SKIN, Take off immediately all contaminated clothing. Rinse skin with water.

Section 3 - Composition / Information on Ingredients

3.1

CAS#	EC#	Chemical Names	Percent	Classification
64-17-5	200-578-6	Ethanol	80	Flam. Liq. 2 H225, Eye Irrit. 2 H319
56-81-5	200-289-5	Glycerol	1.5	Not Classified
7722-84-1	231-765-0	Hydrogen Peroxide	0.125	Ox. Liq. 1 H272, Eye Irrit. 2 A H319, Skin Irrit, H315
7732-18-5	231-791-2	Water	18.4	Not classified

Speed Sauce Plus

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Section 4 - First Aid Measures

4.1 Description of first aid measures

General information: Ensure that medical personnel knows the material(s) involved and take precautions to protect themselves.

Following Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/physician if you feel unwell.

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:

4.2.1: 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.

4.2.2: Prolonged and repeated liquid contact with the skin can cause defatting and drying and lead to irritation and dermatitis.

4.2.3: 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.

4.2.4: Prolonged breathing of high vapor concentrations can produce headaches, dizziness, nausea, and impaired vision. Excessive overexposure can cause central nervous system depression, loss of consciousness, liver damage, and death resulting from respiratory failure.

4.3 Indication of any immediate medical attention and special treatment needed: The severity of outcome following exposure may be 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.

Note to Physicians: If you determine that a medical emergency exists. The specific chemical identity is necessary for emergency or first-aid treatment will immediately disclose the specific chemical identity. Call CHEMTREC 800-424-9300 or +1-703-527-3887. We will require a written statement of need and confidentiality agreement 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: Highly flammable liquid and vapor.

5.1 Extinguishing media:

Suitable extinguishing media: Water fog. Alcohol resistant foam. Dry chemical powder. Carbon dioxide (CO₂).

Unsuitable extinguishing media: Do not use a water jet as an extinguisher, as this will spread the fire.

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5.2 Special hazards arising from the substance or mixture: Vapors may form explosive mixtures with air. Vapors may travel a considerable distance to a source of ignition and flashback. During a fire, gases hazardous to health may be formed.

5.3 Advice for firefighters: Firefighters should wear full-face, self-contained breathing apparatus and impervious protective clothing. Firefighters 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:

6.1.1 For non-emergency personnel: Keep unnecessary personnel away. Keep people away from and upwind of spills and leaks. Take precautionary measures against static discharge. Eliminate all ignition sources. No smoking, flames, sparks, or flames in the immediate area. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist and vapors. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained.

6.1.2 For emergency responders: Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during clean-up. Use personal protection recommended in Section 8 of the SDS.

6.2 Environmental precautions: Avoid direct contact with the material. Stop leak if without risk. Move containers from the spill area. Prevent entry into sewers or waterways.

6.3 Methods and material for containment and cleaning up:

6.3.1 For containment: Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles such as wood, paper, and oil away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools. The product will spread on the water surface. Prevent entry into waterways, sewers, basements, or confined areas.

6.3.2 For clean up:

6.3.2.1 Small spill: Absorb with earth, sand, or other non-combustible material and transfer to containers for later disposal. Clean surface thoroughly to remove residual contamination.

6.3.2.2 Large spill: Stop the material flow if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand, or earth to soak up the product and place it into a container for later disposal. Following product recovery, flush the area with water.

6.3.3 Other information: Never return spills to original containers for re-use. Put material in suitable, covered, labeled containers.

6.4 Reference to other sections: See section 8 of the SDS for personal protection. For waste disposal, see section 13 of the SDS.

Section 7 - Handling and Storage

7.1 Precautions for safe handling: Avoid breathing vapors. Avoid contact with eyes, skin, and clothing. Observe good industrial hygiene practices. Provide adequate ventilation. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Launder contaminated clothing before reuse. Avoid release to the environment.

Speed Sauce Plus

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7.2 Conditions for safe storage, including any incompatibilities: Store locked up in a cool, dry, well-ventilated place out of direct sunlight. Keep away from heat, sparks, and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in a tightly-closed container. Store away from incompatible materials (see section 10).

Section 8 - Exposure Controls / Personal Protection

8.1

Chemical Names	ACGIH- TLV	OSHA - PEL
Ethanol	1000ppm TWA	1000ppm TWA
Glycerol	10mg/m3 TWA	15mg/m3 TWA
Hydrogen Peroxide	1.4mg/m3	1.4mg/m3

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 workweek which shall not be exceeded.

8.3 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.

8.4 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.

8.5 Personal protective equipment

8.5.1 Respiratory protection

Risk assessment shows that air-purifying respirators are appropriate for a full-face respirator with a 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 before use. Use proper glove removal techniques 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: Viton

Splash contact: Viton

Registered trademark of The Chemours Company FC, LLC.

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

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Section 9 - Physical and Chemical Properties

9.1

Physical State: Liquid

Appearance: Green

Odor: Alcohol

Vapor Pressure: Not Available

Vapor Density (Air=1): Not Available

Specific Gravity (H₂O=1): 0.851

Relative Density: Not Available

Odor Threshold: Not Available

Flammability (solid, gas): Not applicable.

Evaporation rate: Not Available

Partition coefficient octanol/water: Not Available

Water Solubility: Insoluble

Melting point/freezing point: Not Available

Flash Point: 64°F, (18°C) close cup

Boiling Point / Range: Not Available

Lower Explosive Limits (vol % in air): Not Available

Upper Explosive Limits (vol % in air): Not Available

Viscosity: Not Available

Autoignition Temperature: Not Available

Decomposition temperature: Not Available

pH: 5-9

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. Prevent electrostatic charge build-up by using common bonding and grounding techniques.

Section 11- Toxicological Information

11.1

ATE (Oral): 3450 mg/kg

ATE (Dermal): 2000 mg/kg

ATE (Inhalation vapor/mist): >20 mg/l

11.1.1 OECD Guideline Test results found in the European Chemical Agency Database show that this product has no components to cause Harmful Oral Toxicity.

11.1.2 OECD Guideline Test results found in the European Chemical Agency Database show that this product has no components to cause Harmful Dermal Toxicity.

11.1.3 OECD Guideline Test results found in the European Chemical Agency Database show that this product has no components to cause Harmful Inhalation Toxicity.

11.2 Route of Entry: Eye Contact.

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

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

11.5 Skin Corrosion/Irritation: OECD Guideline Test results found in the European Chemical Agency Database show that no product components 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 this product's components 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 to cause damage to fertility or the unborn child.

11.8 Skin Sensitization OECD Guideline Tests results found in the European Chemical Agency Database show no product components cause skin sensitivity.

11.9 Respiratory Sensitization OECD Guideline Tests results found in the European Chemical Agency Database show no product components cause respiratory sensitivity.

11.10 Specific Target Organ Toxicity (Single Exposure): European Chemical Agency Database shows that components no of this product may cause damage to Target Organ Toxicity due to a single exposure.

11.11 Specific Target Organ Toxicity (Repeated Exposure): European Chemical Agency Database shows that components no of this product may cause damage to Target Organ Toxicity due to repeat exposure.

11.12 Signs and Symptoms: Effects due to exposure may include: Headache, Dizziness, Drowsiness. Symptoms may be delayed.

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

Section 12 - Ecological Information

12.1

Product Name	Results	Species	Exposure
Ethanol	LC50 14200 mg/l	Fish	96 hours
Glycerol	LC50 54000 mg/l	Fish	96 hours
Hydrogen Peroxide	LC50 16.4 mg/l	Fish	96 hours

Toxicity: OECD Guideline Test results found in the European Chemical Agency Database show no product components to cause long-term toxicity to aquatic life.

12.2 Mobility: Floats on water.

12.3 Persistence/degradability: Inconclusive technical data.

12.4 Bioaccumulation: Inconclusive technical data.

12.5 Other adverse effects: Inconclusive technical data.

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Section 13 - Disposal Considerations

13.1 Disposal: DO NOT REUSE EMPTY CONTAINER! The container should be emptied before discard. Contact a licensed contractor for detailed recommendations. Follow applicable federal, state, and local regulations.

Section 14 - Transport Information

14.1 DOT Transport Information



ID No.: UN 1170

Shipping Name: Ethanol Solution

Hazard Class: 3

Packing Group: II

Label: Flammable

Placard: Flammable

14.2 IMDG Transport Information



ID No.: UN 1170

Shipping Name: ETHANOL SOLUTION

Hazard Class: 3

Packing Group: II

Flash Point: (18°C c.c.)

EmS Number: F-E, S-D

Label: Flammable

Placard: Flammable

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14.3

UN Dangerous Goods Transport Information



ID No.: UN 1170

Shipping Name: Ethanol Solution

Hazard Class: 3

Packing Group: II

Label: Flammable

Placard: Flammable

Section 15 - Regulatory Information

15.1 US Regulations:

TSCA: All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30

Toxic Release Inventory (TRI): This product doesn't contain chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know- Act of 1986 (40 CFR 372).

CERCLA Hazardous Substances and corresponding RQs: None

SARA Community Right-to-Know Program: None

Clean Water Act: None

Clean Air Act: None

OSHA: All ingredients are listed in 29 CFR 1910.1200

State Regulations

No Prop 65 Warning www.P65Warnings.ca.gov

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 International Regulations:

Australian Inventory of Chemical Substances: 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

Speed Sauce Plus

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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 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 Chinese Data Base Classification Labeling of Hazardous Chemicals, Australia Data Base for GHS Chemical Classification and MSDS and SDS of chemicals in this mixture.

16.3 CHEMTREC in-country emergency dial numbers:

County	Greeting Language	City	Local number	Toll-Free number
Argentina	Latin American Spanish	Buenos Aires	54-1159839431	
Brazil	Portuguese	Rio De Janeiro	55-2139581449	
Brazil	Portuguese	Sao Paulo	55-1143491359	
Brazil - Toll-Free	Portuguese		0800 892 0479	0800 892 0479
Cayman Islands	English	Local (National)	345-749-8392	
Chile	Latin American Spanish	Santiago	56 2 2581 4934	
Colombia	Latin American Spanish		01800-710-2151	01800-710-2151
Costa Rica	Latin American Spanish		506-40003869	
Dominican Republic	Latin American Spanish	Santo Domingo	1 (829) 956-7588	
El Salvador	Latin American Spanish	San Salvador	503 2136 7633	
Grenada	English	St George	1 (473) 230-0165	
Guinea	French		224 660 71 03 00	
Mexico	Latin American Spanish		01-800-681-9531	01-800-681-9531
Panama	Latin American Spanish		507-8322475	
Peru	Latin American Spanish	Lima	51-17071295	

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Trinidad and Tobago	English	National Number	1-868-224-5716	
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County	Greeting Language	City	Local number	Toll-Free number
India	Hindi, Bengali, English		000-800-100-7141	000-800-100-7141
Indonesia	Indonesian		001-803-017-9114	001-803-017-9114
Israel	Hebrew	Tel Aviv	972-37630639	
Japan	Japanese	Tokyo	81-345209637	
Malaysia	Malay	Kuala Lumpur	60-392125794	1-800-815-308
Philippines	Tagalog	Manila	+63 2 8395 3308 and 1-800-1-116-1020	1-800-1-116-1020
Russia	Russian		8-800-100-6346	8-800-100-6346
Saudi Arabia	Arabic and English		966-8111095861	
Singapore	English and Mandarin		65-31581349	800-101-2201
South Korea	Korean			003-0813-2549 and 080-822-1374
Taiwan	Mandarin	Taipei	886-2-7741-4207	00801-14-8954
Thailand	Thai		001-800-13-203-9987	001-800-13-203-9987
India	Hindi, Bengali, English		000-800-100-7141	000-800-100-7141

County	Greeting Language	City	Local number	Toll-Free number
Australia	English	Sydney	61-290372994	
New Zealand	English	Auckland	64-98010034	

County	Greeting Language	City	Local number	Toll-Free number
South Africa	English	None	0-800—983-611	0-800—983-611

16.4 SDS Preparation Date 01/21/2022

SDS Previous Issue Date: None

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