Safety Data Sheet

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

Section 1 - Chemical Product and Company Identification

1.1 Product Name: DW101S
1.2 Synonym: Blend
1.3 Manufactured by VP Racing Fuels, Inc., 7124 Richter Road, Elmendorf, TX 78112, 210.635.7744
1.4 Distributed by DeatschWerks, LLC. 415 E. Hill St., Oklahoma City, OK. 405.217.0701
1.5 Recommended Use: Gasoline Fuel Additive
1.6 RESTRICTIONS on USE **THIS ADDITIVE IS FOR GASOLINE FUEL USE ONLY!**

1.7 Emergency Response Number: CHEMTREC 800-424-9300

Section 2 - Hazards Identification

GHS HAZARD

2.1 Hazard Classes	Hazard Categories
Flammable liquid	Category 4
Aspiration Hazard	Category 1
Skin Irritation	Category 2
Eye Irritation	Category 2A
Mutagenicity	Category 1B
Carcinogen	Category 1B
Specific Target Organs toxicity single exposure	Category 3
Acute Toxicity (Oral)	Category 4
Acute Toxicity (Inhalation)	Category 4
Toxic to aquatic life with long-lasting effects	Category 2

2.2 Signal Word: Danger

2.3 *Pictograms:*

Health hazard Irritant Aquatic life

2.4 *Hazard Statements*

PHYSICAL HAZARDS:	**H227: Combustible liquid.**
HEALTH HAZARDS:	**H302: Harmful if swallowed.** **H304: May be fatal if swallowed and enter the airway.** **H315: Causes skin irritation.** **H319: Causes serious eye irritation.** **H332: Harmful if inhaled.** **H335: May cause respiratory irritation.** **H340: May cause genetic defects.** **H350: May cause cancer.**
ENVIRONMENTAL HAZARDS:	**H411: Toxic to aquatic life with long-lasting. Effects.**
PRECAUTIONARY STATEMENTS:	**P102: Keep out of reach of children.** **P201: Obtain special instructions before use READ SDS BEFORE USE.** **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.** **P264: Wash hands thoroughly after handling.** **P271: Use only outdoors or in a well-ventilated area.** **P273: Avoid release to the environment.** **P280: Wear protective gloves, clothing, and eye protection.**
RESPONSE STATEMENTS:	**P301 +P310: IF SWALLOWED: the USA Immediately call the National POISON CENTER at 800-222-1222. OUTSIDE USA Immediately call a poison center or doctor.** **P303+P361+P353: IF ON SKIN. Take off immediately all contaminated clothing. Rinse skin with water.** **P304+P340: IF INHALED: Remove to fresh air and keep comfortable for breathing.** **P305+P351: IF IN EYES: Rinse cautiously with water for at least 15 minutes.** **P308+P313+P314: If exposed or concerned or feel unwell, get medical attention.** **P313+P332+P337: If skin or eye irritation persists, get medical attention.** **P362+P364: IF ON CLOTHING, take off contaminated clothing and wash it before reuse.**

P370+P378: In case of fire, use foam, carbon dioxide, dry chemical to extinguish the fire.
P391: Collect spillage

STORAGE STATEMENTS:

P403+P235: Store in a well-ventilated place. Keep cool.
P405: Store locked up.

DISPOSAL STATEMENTS:

P501: Dispose of content and container per local, regional, national or international regulations.

Section 3 - Composition / Information on Ingredients

3.1

CAS#	EC#	Chemical Names	Percent	Classification
N/A	N/A	Blend of Aliphatic and Aromatic Hydrocarbons C-2 to C-20	93-94%	None
12108-13-3	235-166-5	MMT	3-6%	Acute Tox. 3 H301, Acute Tox. 2 H310, Acute Tox. 1 H330, Aquatic Chronic 1 H410, Aquatic Acute 1 H400
Proprietary	Proprietary	Polyolefin alkyl phenol alkylamine	1-3%	Skin Irrit. 2 H315, Eye Irrit 2, H319

3.2 Blend Contains

Chemical Names	CAS#	EC#	Classification
Distillates (petroleum), hydrotreated middle	64742-46-7	265-148-2	Carc. 1B H350
Petroleum Distillates Hydrotreated Light	64742-95-6	265-199-0	Asp. Tox. 1 H304, Muta. 1B H340, Carc1B H350
Pseudocumene	95-63-6	202-436-9	Flam. Liq. 3 H226, Skin Irrit. 2 H315, Eye Irrit 2, H319 Acute Tox. 4 H332, STOT SE 3 H335, Aquatic Chronic 2 H411
Mesitylene	108-67-8	203-605-4	Flam. Liq. 3 H226, STOT SE 3 H335, Aquatic Chronic 2 H411
2-Phenylpropane	98-82-8	202-704-5	Flam. Liq. 3 H226, Asp. Tox. 1 H304, STOT SE 3 H335, Aquatic Chronic 2 H411

3.3 Trade Secret Provision and Chemical Concentration Disclosure: By OSHA and GHS Regulations, we have withheld specific percentages of the chemicals in this mixture. The chemical concentrations have been disclosed as a blend and apply to the hazards 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 lead to irritation and 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. Extreme 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 Note to Physicians: ***After first aid, get appropriate paramedic or community medical support.***
The severity of the outcome following exposure may be related to the time between the exposure and treatment rather than the amount of exposure. Therefore, there is a need for rapid treatment of any exposure.

4.6 If you determine that a medical emergency exists and the specific chemical percentages are necessary for emergency or first-aid treatment, we will immediately disclose the specific chemical percentages. Call CHEMTREC 800-424-9300 or +1-703-527-3887. We will require a written statement of need and confidentiality agreement, per 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: Not flammable. 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, 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: Keep unnecessary personnel away. Keep people away from an upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained.

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: 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.

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

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

Section 8 - Exposure Controls / Personal Protection

8.1

Chemical Names	ACGIH- TLV	OSHA- PEL
Blend of Aliphatic and Aromatic Hydrocarbons C-2 to C-20	25-300 ppm TWA	25-300 ppm TWA
MMT	0.2mg/m3	0.2mg/m3
Polyolefin alkyl phenol alkylamine	None Listed	None Listed

8.2 ACGIH® = American Conference of Governmental Industrial Hygienists. TLV® = Threshold Limit Value.

8.3 OSHA = US Occupational Safety and Health Administration. PEL = Permissible Exposure Limits.

8.4 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."

8.5 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.

8.6 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.

8.7 Personal protective equipment

Respiratory protection
The risk assessment shows that air-purifying respirators are appropriate for 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 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.

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.

8.9 Protective Clothing Pictograms

Section 9 - Physical and Chemical Properties

9.1

Physical State: Liquid
Appearance: Various
Odor: Hydrocarbon Odor
Vapor Pressure: Not Available
Vapor Density (Air=1): >1
Specific Gravity (H2O=1,): 0.84
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
Flash Point: 176°F (80°C) closed cup
Boiling Point/Range: Not Available
Lower Explosive Limits (vol % in air): Not Available
Upper Explosive Limits (vol % in air): Not Available
Melting Point: Not Available
Viscosity: <20.5mm2/s @104°F 40°C
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): 1111 mg/kg
ATE (Dermal): 2500 mg/kg
ATE (Inhalation vapor/mist): 14.8 mg/l vapor

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

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

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

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

11.3 Aspiration Hazard: European Chemical Agency Data Base shows that 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 components of this product to cause genetic defects.

11.5 Skin Corrosion/Irritation: OECD Guideline Test results found in the European Chemical Agency Database show that this product's 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 to cause skin sensitivity.

11.9 Respiratory Sensitization: OECD Guideline Tests results found in the European Chemical Agency Database show no product components to 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 upper respiratory tract.

11.11 Specific Target Organ Toxicity (Repeated Exposure): European Chemical Agency Database shows no components of this product repeated organ toxicity. However, it may contain chemicals that may cause damage to the following organs: kidneys, lungs, liver, upper respiratory tract, skin, eyes, central nervous system (CNS).

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

11.13 Carcinogenicity: OECD Guideline Test results found in the European Chemical Agency Database show that this product's components can 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 toxic to aquatic organisms, which will cause long-term adverse effects on the environment		
MMT	Very toxic to aquatic organisms		
Polyolefin alkyl phenol alkylamine	None Listed		

Toxicity: OECD Guideline Test results found in the European Chemical Agency Database show components of this product to cause long-term harmful 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.

12.6 Other Adverse Effects: Not available on this mixture

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
DOT Transport Information
Less than 5 Liters single package **Not regulated**

Greater than 5 Liters single package

ID No.: UN 3082
Shipping Name: Environmentally Hazardous Substance, Liquid, n.o.s. (2-Phenylpropane, Mesitylene)
Hazard Class: 9
Packing Group: III
Marking: MARINE POLLUTANT when shipping ground greater than 119 gallons' single container or any quantity by water.
Label: Class 9
Placard: Class 9

Section 15 - Regulatory Information

15.1 US Regulations:
TSCA: 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.

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
95-63-6	Pseudocumene	At demines% limits
98-82-8	2-Phenylpropane	At demines% limits

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

CERCLA Hazardous Substances and corresponding RQs: 2-Phenylpropane 5000lbs.

SARA Community Right-to-Know Program: All components of this blend.

Clean Water Act: None

Clean Air Act: None

OSHA: All ingredients are listed in 29 CFR 1910.1200

State Regulations
California prop. 65:

WARNING This product can expose you to chemicals, including Cumene CAS # 98-82-8, known to the State of California, cause cancer. For more information, go to 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

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

16.4 SDS Preparation Date: 06/01/2021
SDS Previous Issue Date: None

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