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: **Fuel Stabilizer with Ethanol Armor**
1.2 Synonym: Blend
1.3 VP Racing Fuels, Inc., 7124 Richter Road, Elmendorf, TX 78112, 210.635.7744
1.4 Recommended Use: Fuel system treatment.
1.5 RESTRICTIONS on USE **THIS STABILIZER IS FOR GASOLINE ENGINES ONLY**

1.6 Emergency Response Number: CHEMTREC 800-424-9300
International Emergency Telephone Number: 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	Hazard Categories
Flammable liquid/vapor	Category 4
Eye Irritation	Category 2A
Skin Irritation	Category 2
Specific Target Organs toxicity single exposure	Category 3
Acute Toxicity (Oral)	Category 4
Acute Toxicity (Inhalation)	Category 4
Acute Toxicity (Dermal)	Category 3
Aspiration Hazard	Category 1
Harmful to aquatic life with long lasting effects	Category 3

2.2 Signal Word: Danger

2.3 *Pictograms:*



Health Toxic Irritant

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.** **H311: Toxic in contact with skin.** **H319: Causes serious eye irritation.** **H332: Harmful if inhaled.** **H335: May cause respiratory irritation.**
ENVIRONMENTAL HAZARDS:	**H412: Harmful 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 flames and hot services. No smoking.** **P260: Do not breathe mist.** **P264: Wash hands thoroughly after handling.** **P270: Do not eat, drink, or smoke when using this product.** **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+ P331: IF SWALLOWED: USA Immediately call the National POISON CENTER at 800-222-1222. OUTSIDE USA Immediately call a 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+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: If exposed or concerned, get medical attention.** **P312: Call a POISON CENTER if you feel unwell.**

P313+P332+P337: If skin or eye irritation persists get medical attention.
P330: Rinse mouth.
P362+P364: IF ON CLOTHING, take off contaminated clothing and wash it before reuse.
P370: In case of fire use foam, carbon dioxide, dry chemical to extinguish the fire.

STORAGE STATEMENTS:

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

DISPOSAL STATEMENTS:

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

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

Section 3 - Composition / Information on Ingredients

3.1

CAS#	EC#	Chemical Names	Percent	Classification
N/A	N/A	Blend of alkoxylated alcohol, alkoxylated cresol, saturated fatty acid, anti-corrosive, petroleum distillates and modified glycol ether	100%	None

3.2 Blend Contains

Chemical Names	CAS#	EC/List#	Classification
3-Oxa-1-heptanol	111-76-2	203-905-0	Acute Tox. 4 H302, Acute Tox. 3 H311 Skin Irrit. 2 H315, Eye Irrit 2, H319, Acute Tox. 4 H332
Glycerides, mixed decanoyl, and octanoyl	73398-61-5	277-452-2	Eye Irrit 2 H319
BHT	128-37-0	204-881-4	Aquatic Chronic 3 H412
1,2,4-trimethylbenzene	95-63-6	202-436-9	Flam. Líq. 3 H226, Asp. Tox. 1 H304, Skin Irrit. 2 H315, Eye Irrit 2, H319, STOT SE 3 H335, Acute Tox. 4 H332, Aquatic Chronic 2 H411
Mesitylene	108-67-8	203-604-4	Flam. Liq. 3 H226, Skin Irrit. 2 H315, STOT SE 3 H335, Aquatic Chronic 2 H411

Chemical Names	CAS#	EC/List#	Classification
Xylol	1330-20-7	203-625-9	Flam. Líq.3 H226, Acute Tox. 4 H312, Skin Irrit. 2 H315, Eye Irrit 2, H319, Acute Tox 4 H332

2-Phenylpropane	98-82-8	202-704-5	Flam. Líq. 3 H226, Asp. Tox. 1 H304, STOT SE 3 H335, Aquatic Chronic 2 H411
1,2,3-trimethylbenzene	526-73-8	208-394-8	Flam. Liq. 3 H226, Skin Irrit. 2 H315, Eye Irrit 2, H319

3.3 Trade Secret Provision and Chemical Concentration Disclosure: In accordance with OSHA and GHS Regulations, we have withheld specific percentages of the chemicals in this mixture. The chemical concentrations have been disclosed as a blend and apply to the hazards as identified in this Safety Data Sheet.

Section 4 - First Aid Measures

4.1 Eye: Contact with the eyes can cause serious irritation. Symptoms may include discomfort or pain and redness. Severe overexposure can result in swelling of the conjunctiva along with tissue damage.

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

4.2 Skin: Prolonged and repeated liquid contact can cause defatting and drying of the skin and can lead to irritation and dermatitis.

Skin: Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid immediately. Wash clothing before reuse.

4.3 Ingestion: Liquid ingestion can cause inebriation, headache, gastrointestinal pain, nausea, and vomiting leading to central nervous system depression. Aspiration of liquid into the lungs must be avoided as even small quantities in the lungs can produce chemical pneumonia, pulmonary edema, and even death.

Ingestion: Do NOT induce vomiting. Get medical aid immediately.

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

Inhalation: Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult and **IF TRAINED**, give oxygen. Get medical aid. Do NOT use mouth-to-mouth resuscitation without protection.

4.5 ***After first aid, get appropriate paramedic, or community medical support.*** The severity of outcome following 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.

4.6 Note to Physicians: If you determine that a medical emergency exists, and the specific chemical identity is necessary for emergency or first-aid treatment, we will immediately disclose the specific chemical identity. Call CHEMTREC 800-424-9300 or 703-527-3887. We will require a written statement of need and 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

55.1 General Fire Hazards: Use water to cool containers exposed to fire.

5.2 Hazardous Combustion Products: Avoid fumes of burning product.

5.3 Extinguishing Media: Carbon dioxide, dry chemical, foam.

5.4 Fire Fighting Equipment/Instructions: 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. Wear adequate protective equipment. 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 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 sources of ignition. They may explode and cause injury or death.

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 alkoxylated alcohol, alkoxylated cresol, saturated fatty acid, anti-corrosive, petroleum distillates and modified glycol ether	25 ppm	50 ppm

8.2

ACGIH® = American Conference of Governmental Industrial Hygienists. TLV® = Threshold Limit Value.
OSHA = US Occupational Safety and Health Administration. PEL = Permissible Exposure Limits.
NOTE: TWA Means "TWA is the employee's average airborne exposure in any 8-hour work shift of a 40-hour work week which shall not be exceeded."

8.3 Ventilation: Provide a general or local exhaust ventilation system 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 before reuse.
Remove this material from your shoes and clean personal protective equipment.

8.5 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 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

8.6 Protective Clothing Pictograms



Section 9 - Physical and Chemical Properties

9.1

Physical State: Liquid
Appearance: Various
Odor: Characteristic order
Vapor Pressure: Not Available
Vapor Density (Air=1): >1
Specific Gravity (H2O=1,): 0.75
Relative Density: Not Available
Odor Threshold: Not Available
Flammability (solid, gas): Not applicable.
Evaporation rate: Not Available
Partition coefficient octanol/water: Not Available
pH: None

Water Solubility: Insoluble in water
143.6°F (62°C) closed cup
Boiling Point/Range: 275-410°F (135-210°C)
Lower Explosive Limits (vol % in air): 1%
Upper Explosive Limits (vol % in air): 10%
Melting Point: Not Available
Viscosity: 2.03cSt @104°F, 40°C
Autoignition Temperature: Not Available
Decomposition temperature: Not Available

Section 10 - Stability and Reactivity

10.1 Stability: Stable under ordinary conditions of use and storage.

10.2 Polymerization: Hazardous polymerization has not been reported.

10.3 Chemical Incompatibilities: Strong oxidizing agents and Perchloric Acid.

10.4 Hazardous Decomposition Products: Peroxides.

10.5 Conditions to Avoid: Heat, sparks, open flames, other ignition sources.

Section 11- Toxicological Information

11.1
Acute Toxicity Estimate for this blend (ATE)
ATE (Oral): 554.9 mg/kg
ATE (Dermal): 524.9 mg/kg
ATE (Inhalation vapor/mist): 3.36 mg/l mist

11.1.1 OECD Guideline Tests results found in the European Chemical Agency Data Base shows that components of this product to cause Oral Toxicity.

11.1.2 OECD Guideline Tests results found in the European Chemical Agency Data Base shows that components of this product to be Inhalation Toxicity.

11.1.3 OECD Guideline Tests results found in the European Chemical Agency Data Base shows that components of this product to Dermal 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 no components of this product to cause genetic defects.

11.5 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.

11.6 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.

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 components of this product to cause skin sensitively.

11.9 Respiratory Sensitization: OECD Guideline Tests results found in the European Chemical Agency DataBase show no components of this product to cause respiratory sensitively.

11.10 Specific Target Organ Toxicity (Single Exposure): European Chemical Agency Data Base shows that components of this product may cause damage to the upper respiratory track.

11.11 Specific Target Organ Toxicity (Repeated Exposure): Contains material which may cause damage to the following organs: Human exposure above 200 ppm can be expected to cause narcosis, damage to the kidney and liver and present an abnormal blood picture showing erythropenia, reticulocytosis, granulocytosis, leukocytosis, and would be likely to cause fragility of erythrocytes and hematuria.

11.12 Signs and Symptoms: Effects due to exposure may include: Headache, Dizziness, Drowsiness, Metabolic Acidosis, Coma, Seizures. Swallowing results in a sour taste that turns to a burning sensation and is followed by numbness of the tongue, which indicates paralysis of the sensory nerve endings. Central nervous system depression, headache, narcosis. Symptoms may be delayed.

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

Chemical Name	IARC	ACGIH	NTP	OSHA
Blend of alkoxylated alcohol, alkoxylated cresol, saturated fatty acid, anti-corrosive, petroleum distillates and modified glycol ether	Not classified as carcinogenicity to humans	Confirmed animal with unknown relevance to humans	Not listed	Not Listed

Section 12 - Ecological Information

12.1

Product Name	Results	Species	Exposure
Blend of alkoxylated alcohol, alkoxylated cresol, saturated fatty acid, anti-corrosive, petroleum distillates and modified glycol ether	Expected to be harmful to aquatic organisms. May cause long-term adverse effects in the environment		

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

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



ID No.: UN 2810
Shipping Name: Toxic, liquids, organic, n.o.s. (3-Oxa-1-heptanol)
Hazard Class:6.1
Packing Group: III
Label: Toxic
Placard: Toxic

14.2 IMDG Transport Information

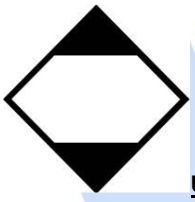


ID No.: UN 2810
Shipping Name: TOXIC, LIQUIDS, ORGANIC, N.O.S. (3-Oxa-1-heptanol)
Hazard Class: 6.1
Packing Group: III
Flash Point: None
EmS Number: F-A, S-A
Label: Toxic
Placard: Toxic

14.3 UN Transport Information



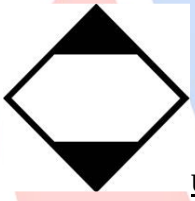
ID No.: UN 2810
Shipping Name: Toxic, liquids, organic, n.o.s.(3-Oxa-1-heptanol)
Hazard Class:6.1
Packing Group: III
Label: Toxic
Placard: Toxic



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

14.4 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



Use marking when shipping as a limited quantity by vessel.

14.5 IMDG Transport Limited Quantity

Inner packaging not over
5.0L (1.3 gallons) net capacity each.
Outer Package not over 30kg (66lbs) each
Shipping Name: TOXIC, LIQUIDS, ORGANIC, N.O.S.(3-Oxa-1-heptanol) LTD.QTY.
Hazard Class: 6.1
Packing Group: III
Flash Point: None
EmS Number: F-A, S-A

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 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
1330-20-7	Xylol	At demines% limits
98-82-8	2-Phenylpropane	At demines% limits

CERCLA Hazardous Substances and corresponding RQs: Xylol 100lbs, 2-Phenylpropane 5000 lbs.

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 1910.1200

State Regulations
California prop. 65

WARNING-Cancer Reproductive Harm - 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 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 determination as to the suitability of the product for their particular purpose and on the condition that they assume the risk of their use.

16.2 References: CHEMpendium database of 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.

16.3 CHEMTREC in-country emergency dial numbers:

CHEMTREC In-Country Dial Numbers	Local # Provided in Country	Toll Free in Country*	Greeting Language
AMERICAS			
CHEMTREC Argentina (Buenos Aires)	+(54)-1159839431		Latin American Spanish
CHEMTREC Brazil (Rio De Janeiro)	+(55)-2139581449		Portuguese
CHEMTREC Cayman Islands	+(1)-345-749-8392		English
CHEMTREC Chile (Santiago)	+(56)-225814934		Latin American Spanish
CHEMTREC Colombia *		01800-710-2151	Latin American Spanish
CHEMTREC Costa Rica*	+(506)-40003869		Latin American Spanish
CHEMTREC Mexico*		01-800-681-9531	Latin American Spanish
CHEMTREC Panama	+(507)-8322475		Latin American Spanish
CHEMTREC Peru (Lima)	+(51)-17071295		Latin American Spanish
CHEMTREC Trinidad and Tobago*	+(1)-868-224-5716		English

16.3 CHEMTREC in-country emergency dial numbers continued:

MIDDLE EAST			
CHEMTREC Bahrain (Bahrain)	+(973)-16199372		Arabic
CHEMTREC Israel (Tel Aviv)	+(972)-37630639		Hebrew
CHEMTREC Saudi Arabia*	+(966)-8111095861		Arabic and English
CHEMTREC Kuwait National	+965-22274681		Arabic and English
SUB SAHARAN AFRICA			
CHEMTREC South Africa*		0-800-983-611	English
EAST ASIA			
CHEMTREC Hong Kong (Hong Kong)*		800-968-793	Cantonese
CHEMTREC Japan (Tokyo)	+(81)-345209637		Japanese
CHEMTREC South Korea*		00-308-13-2549	Korean
CHEMTREC South Korea	+(82) 070-7686-0086		Korean
CHEMTREC Taiwan*		00801-14-8954	Mandarin
SOUTHEAST ASIA			
CHEMTREC Indonesia*		001-803-017-9114	Indonesian
CHEMTREC Malaysia *		1-800-815-308	Malay
CHEMTREC Malaysia (Kuala Lumpur)	+(60)-327884561		Malay
CHEMTREC Philippines *		1-800-1-116-1020	Tagalog
CHEMTREC Philippines (Manila)	+(63) 2-395-3308		Tagalog
CHEMTREC Singapore*		800-101-2201	English and Mandarin
CHEMTREC Singapore	+(65)-31581349		English and Mandarin
CHEMTREC Thailand *		001-800-13-203-9987	Thai
CHEMTREC Vietnam (Hanoi)*	+(84)-444581938		Vietnamese
SOUTH ASIA			
CHEMTREC Bangladesh††	N/A	N/A	Bengali
CHEMTREC India *		000-800-100-7141	Hindi
AUSTRALIA & OCEANIA			
CHEMTREC Australia (Sydney)	+(61)-290372994		English
CHEMTREC New Zealand (Auckland)*	+(64)-98010034		English
***Phone numbers for countries marked with an asterisk must be dialed within the country**			
***Phone numbers for countries marked with an asterisk must be dialed within the country. †† Phone numbers marked with a double dagger have a DID and greeting ONLY supplied by CHEMTREC**			

16.4 SDS Preparation Date 07/10/2019
SDS Previous Issue Date: None
Prepared by SJC Compliance Education, Inc.
16516 El Camino Real suites 417
Houston, TX. 77062
VP@sjcedu.org

