



## Safety Data Sheet

Conforms to 29 OSHA CFR 1910.1200 and aligns to the United Nations Globally Harmonized System  
Date of Revision: 11/02/2020 Revision: 01

### Section 1 - Chemical Product and Company Identification

1.1 Product Name: **Hand Sanitizer**

1.2 Synonym: Blend

1.3 VP Racing Fuels, Inc.

1.4 Recommended Use: Hand Sanitizer

1.5 **RESTRICTIONS on USE** This product is safe for consumers and other users under normal and reasonably foreseeable use.

### 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**



2.3 Pictograms:

Flame

Irritant

2.4 Hazard Statements

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<b>PHYSICAL HAZARDS:</b>	<b>H225: Highly Flammable liquid and vapor.</b>
<b>HEALTH HAZARDS:</b>	<b>H319: Causes serious eye irritation.</b>
<b>ENVIRONMENTAL HAZARDS:</b>	<b>H411: None</b>
<b>PRECAUTIONARY STATEMENTS:</b>	<b>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.</b>
<b>RESPONSE STATEMENTS:</b>	<b>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.</b>
<b>STORAGE STATEMENTS:</b>	<b>P403+P235: Store in a well-ventilated place. Keep cool.</b>
<b>DISPOSAL STATEMENTS:</b>	<b>P501: Dispose of content and container per local, regional, national, or international regulations.</b>

**2.5 Hazards not otherwise classified (HNOC) or not covered by GHS: For external use only!**

## 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

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## 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 and wash clothing before reuse.

**4.3 Ingestion:** Liquid ingestion can cause inebriation, headache, gastrointestinal pain, nausea, and vomiting.

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

**4.4 Inhalation:** Prolonged breathing of high vapor concentrations can produce headaches, dizziness, nausea, and impaired vision.

**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 the 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.

## 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, 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.

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## Section 7 - Handling and Storage

**7.1 Handling Precautions:** 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 the container tightly closed. Avoid inhalation.

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

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

### 8.5 Personal protective equipment

#### 8.5.1 Respiratory protection

Where 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).

#### 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.

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## 8.6 Protective Clothing Pictograms



## Section 9 - Physical and Chemical Properties

### 9.1

**Physical State:** Liquid

**Appearance:** Clear Colorless

**Odor:** Alcohol

**Vapor Pressure:** Not Available

**Vapor Density (Air=1):** Not Available

**Specific Gravity (H<sub>2</sub>O=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

## 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 there are no components of this product to cause Harmful Oral Toxicity.

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

**11.1.3** OECD Guideline Test results found in the European Chemical Agency Database show that there are no components of this product 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 to 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 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 no of this product may cause damage 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 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

### 14.3

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## 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](http://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



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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 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 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.