



Safety Data Sheet

Conforms to OSHA 29 CFR 1910.1200 and aligns to the United Nations Globally Harmonized System
Revision Date 12/14/2020 Revision 02

Section 1 - Chemical Product and Company Identification

- 1.1 Product Name: **COOL DOWN™**
- 1.2 Synonym: Blend
- 1.3 VP Racing Fuels, Inc.
- 1.4 Recommended Use: Coolant Additive
- 1.5 **RESTRICTIONS on USE Engine Coolant Only**

Section 2 - Hazards Identification

2.1 GHS HAZARD

Hazard Classes

Eye Irritation
Skin Irritation
Skin Sensitization
Very Toxic to Aquatic Life long-lasting Effects

Hazard Categories

Category 2A
Category 2
Category 1
Category 1

2.2 Signal Word: **Warning**



2.3 Pictograms:

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2.4 Hazard Statements

PHYSICAL HAZARDS:	None
HEALTH HAZARDS:	H315: Causes skin irritation. H317: May cause an allergic skin reaction. H319: Causes serious eye irritation.
ENVIRONMENTAL HAZARDS:	H410: Very toxic to aquatic life with long-lasting effects.
PRECAUTIONARY STATEMENTS:	P102: Keep out of reach of children. P261: Avoid breathing mist or spray. P264: Wash hands thoroughly after handling. P272: Contaminated work clothing should not be allowed out of the workplace. P273: Avoid release into the environment. P280: Wear protective gloves, clothing, and eye protection.
RESPONSE STATEMENTS:	P302+P362+P353: IF ON SKIN. Take off contaminated clothing. Rinse skin with water. P305+P351+P338: IF IN EYES. Rinse cautiously with water for at least 15 minutes. Remove contact lenses. If present and easy to do, continue rinsing. P313+P332+P337: If skin or eye irritation persists, get medical attention. P313+P333: If skin irritation or rash occurs. Get medical attention. P362+P364: Take off contaminated clothing and wash before reuse. P391: Collect spillage.
STORAGE STATEMENTS:	None
DISPOSAL STATEMENTS:	P501: Dispose of content and container following local, regional, national or international regulations

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Section 3 - Composition / Information on Ingredients

3.1

CAS#	EC#	Chemical Names	Percent	Classification
3164-85-0	243-283-8	2-Ethylhexanoate	1 - 6%	Skin Irrit. 2 H315, Eye Irrit. 2A H319
149-30-4	205-736-8	Benzothiazole-2-thiol	0.3 – 0.7%	Skin Sens 1 H317, Aquatic Chronic H410
7732-18-5	231-791-2	Water	>94%	Not classified

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 rash or 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 headaches, gastrointestinal pain, nausea, and vomiting.

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

4.4 Inhalation: Prolonged breathing of vapor may cause respiratory irritation.

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 related to the time between the exposure and treatment, rather than 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 powder, appropriate foam, water spray, or fog

5.4 Fire Fighting Equipment/Instructions Large fires evacuate the area and fight the fire from a safe distance or protected location. Approach fire from upwind to avoid exposure to this material and its toxic decomposition products. Wear full protective gear if exposure is possible.

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Section 6 - Accidental Release Measures

6.1 Spill /Leak Procedures: Keep unnecessary personnel away. Keep people away from and 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: Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

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
2-Ethylhexanoate	None Listed	None Listed
Benzothiazole-2-thiol	5 mg/m ³ TWA	5 mg/m ³ TWA

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 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).

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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 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



Splash Goggles



Gloves



Protective Apron

Section 9 - Physical and Chemical Properties

9.1

Physical State: Liquid

Appearance: Blue

Odor: None

Vapor Pressure: Not Available

Vapor Density (Air=1): Not Available

Specific Gravity (H₂O=1,): Not Available

Relative Density: Not Available

Odor Threshold: Not Available

Flammability (solid, gas): Not applicable.

Evaporation rate: Not Available

Partition coefficient octanol/water: Not Available

pH: 8 -9 Estimated

Water Solubility: Complete

Flash Point: Not Available

Boiling Point/Range: 220°F, (104.4°C)

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

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

Melting Point: Not Available

Viscosity: Not Available

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

10.4 Hazardous Decomposition Products: None Listed

10.5 Conditions to Avoid: Contact with incompatible materials.

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Section 11- Toxicological Information

11.1

Acute Toxicity Estimate for this blend (ATE)

ATE (Oral): >2000 mg/kg

ATE (Dermal): >2000 mg/kg

ATE (Inhalation vapor/mist): 5 mg/l mist

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: Skin and Eye Contact

11.3 Aspiration Hazard: European Chemical Agency Database shows that this product's components will not 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 Tests results found in the European Chemical Agency Database show that this product's components cause skin irritation.

11.6 Serious Eye Damage/Irritation: OECD Guideline Test results found in the European Chemical Agency Database shows 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 this product's 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 no product components cause single exposure organ toxicity.

11.11 Target Organ Toxicity (Repeated Exposure): European Chemical Agency Database shows that no components of this product cause repeated exposure to organ toxicity.

11.12 Signs and Symptoms: Contains material that may cause damage to the following organs: Eyes, Skin,

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11.13 Carcinogenicity: OECD Guideline 453 Tests results found in the European Chemical Agency Database show that no product components can cause cancer.

Chemical Name	IARC	ACGIH	NTP	OSHA
2-Ethylhexanoate	Not listed	Not Listed	Not listed	Not Listed
Benzothiazole-2-thiol	Not listed	Not Listed	Not listed	Not Listed

Section 12 - Ecological Information

12.1

Product Name	Results	Species	Exposure
2-Ethylhexanoate	No Data Available		
Benzothiazole-2-thiol	LC50 .73mg/l	Fish	96 hours

12.2 Toxicity: OECD Guideline Test results found in the European Chemical Agency Database show components of this product very toxic and cause long-term toxicity to aquatic life. ®

12.3 Mobility: Floats on water, absorbs into the soil, and has low mobility.

12.4 Persistence/degradability: No data found.

12.5 Bioaccumulation: No data found.

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

Regulatory Information	UN #	Proper Shipping Name	Hazard Class	PG	Label	Additional Information
DOT Classification		Not Regulated				
IMDG Classification		Not Regulated				
UN Classification		Not Regulated				

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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
149-30-4	Benzothiazole-2-thiol	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: None

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 Benzothiazole-2-thiol CAS # 149-30, known to the State of California to 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.

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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, and MSDS and SDS of chemicals in this mixture.