Safety Data Sheet

Conforms to the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) in Australia
Date of Revision: 12/14/2020 **Revision: 01**

Section 1 - Chemical Product and Company Identification

1.1 Product Name: COOL DOWN™
1.2 Synonym: Blend
1.3 Manufacturer: VP Racing Fuels, Inc., 7124 Richter Road, Elmendorf, TX 78112, 210.635.7744
1.4 Supplier: VP Racing Fuels Pty Ltd, Unit 24 85-115 Alfred Road, Chipping Norton, NSW 2170, Australia 02 9723 4233, **Emergency Telephone:** 0421 116 838.
1.5 Recommended Use: Coolant Additive
1.6 RESTRICTIONS on USE Engine Coolant Only

1.7 Emergency Response Number: CHEMTREC 800-424-9300
International Emergency Telephone Number: +1-703-527-3887

CHEMTREC Australia (Sydney) +(61) 290372994

1.8 Poison Control Centre: 13 11 26, 24 hours a day from anywhere in Australia.

Section 2 - Hazards Identification

GHS HAZARD

2.1 Hazard Classes — **Hazard Categories**

Eye Irritation	Category 2A
Skin Irritation	Category 2
Skin Sensitization	Category 1
Very Toxic to Aquatic Life long lasting Effects	Category 1

2.2 Signal Word: Warning

2.3 *Pictograms:*

Irritant Toxic to aquatic life

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+353: 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+332+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.**

2.5 Hazards not otherwise classified (HNOC) or not covered by GHS: AUH066 Repeated exposure may cause skin dryness and cracking.

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 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. 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 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.

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.

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

.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	OEL
2-Ethylhexanoate	None Listed	None Listed
Benzothiazole-2-thiol	5 mg/m3 TWA	None Listed

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

8.3 OEL = OCCUPATIONAL 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 before reuse.
Remove this material from your shoes and clean personal protective equipment.

8.7 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 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: 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

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
pH: 8 -9 Estimated

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.

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 Tests 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 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,

11.13 Carcinogenicity: OECD Guideline Tests 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
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 date found.

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 Australien Transport Information
Not Regulated

14.2 IMDG Transport Information
Not Regulated

14.3 UN Dangerous Goods Transport Information
Not Regulated

Section 15 - Regulatory Information

15.1
Australian manufacturers' and importers' obligations under the WHS Regulations: 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, and MSDS and SDS of chemicals in this mixture.

16.3 SDS Preparation Date: 07/15/2016
SDS Previous Issue Date: None
SDS Revision Date: 12/14/2020 Revised sections 1,2,3,4,8,11,12,13,14,15,16

Prepared by SJC Compliance Education, Inc.
1319 Varese Drive
Pearland TX 77581
steve@sjcedu.org

END OF SAFETY DATA SHEET