



## Safety Data Sheet

Conforms to OSHA CFR 29 1910.1200 and aligns to the United Nations Globally Harmonized System

Conforms to The United Nations Regulation Globally Harmonized System

Conforms to Regulation (EU) No 453/2010

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Conforms to the Australian Preparation of Safety Data Sheets for Hazardous Chemicals under section 274 of the Work Health and Safety Act

### Section 1 - Chemical Product and Company Identification

1.1 Product Name: **COOL DOWN™**

1.1.1 Other Identification: None

1.2 VP Racing Fuels, Inc., 7124 Richter Road, Elmhurst, TX 78112, 210.635.7744

1.3 Recommended Use: Coolant Additive

1.4 **RESTRICTIONS on USE Engine Coolant Only**

1.5 Emergency Response Number: CHEMTREC 800-424-9300

International Emergency Telephone Number: +1-703-527-3887

1.6 See Section 16.3 for CHEMTREC in Country Emergency Numbers

### Section 2 - Hazards Identification

#### 2.1 GHS HAZARD

##### Hazard Classes

##### Hazard Categories

Eye Irritation

Skin Irritation

Skin Sensitisation

Very Toxic to Aquatic Life long lasting Effects

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 P270: Do not eat, drink or smoke when using this product P273: Avoid release in to 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+P333: If skin irritation persists get medical attention P313+P337: If eye irritation rash occurs or persists get medical attention P306+P362+P364: IF ON CLOTHING, Take off contaminated clothing and wash before reuse
STORAGE STATEMENTS:	P403: Keep Cool Store in a well-ventilated place
DISPOSAL STATEMENTS:	P501: Dispose of content and/or container in accordance with local, regional, national or international regulations

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### Section 3 - Composition / Information on Ingredients

#### 3.1

CAS#	EC#	Chemical Names	Percent	Other Identifiers
3164-85-0	243-283-8	2-Ethylhexanoate	1 - 6%	Hexanoic acid, 2-ethyl-, potassium salt
149-30-4	205-736-8	2-Mercaptobenzothiazole	0.3 – 0.7%	2-MBT
7732-18-5	231-791-2	Water	>94%	H2O

### 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 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 headache, 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 an exposure may be more 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 product.

#### 5.3 Extinguishing Media

Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog

**5.4 Fire Fighting Equipment/Instructions** Large fires evacuate area and fight 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 material. Stop leak if without risk. Move containers from 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:** 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
	2-Mercaptobenzothiazole	5 mg/m3 TWA	5 mg/m3 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 work week which shall not be exceeded."

\*Listed on the OSHA Z1 Table

**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 prior to 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: Nitrile rubber

Splash contact: Nitrile rubber

### 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 (H<sub>2</sub>O=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

**Auto ignition 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

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**10.5 Conditions to Avoid:** Contact with incompatible materials.

### Section 11- Toxicological Information

#### 11.1

Product Name	Results	Species	Dose	Exposure
2-Ethylhexanoate	Oral LD50	Rat	No Data Available	No Data Available
2-Mercaptobenzothiazole	Oral LD50	Rat	3800 mg/kg	None Listed

**11.1.1 OECD Guideline 401 Tests results** found in the European Chemical Agency Data Base shows that no components of this product to cause Oral Toxicity.

**11.2 Route of Entry:** Ingestion, Absorption, Skin and/or Eye Contact

**11.3 Aspiration Hazard:** European Chemical Agency Data Base shows that components of this product will not be fatal if swallowed and enters airways.

**11.4 Mutagenicity:** OECD Guideline 476 Tests results found in the European Chemical Agency Data Base show no components of this product to cause genetic defects.

**11.5 Skin Corrosion/Irritation:** OECD Guideline 404 Tests results found in the European Chemical Agency Data Base shows that components of this product to cause skin irritation.

**11.6 Serious Eye Damage/Irritation:** OECD Guideline 405 Tests results found in the European Chemical Agency Data Base shows that components of this product to cause serious eye irritation.

**11.7 Skin Sensitisation:** European Chemical Agency Data Base shows that no components of this product cause allergic skin reaction.

**11.8 Specific Target Organ Toxicity (Single Exposure):** European Chemical Agency Data Base shows that no components of this product cause single exposure organ toxicity.

**11.9 Reproductive toxicity:** OECD Guideline 421 Tests results found in the European Chemical Agency Data Base show no components of this product to cause damage to fertility or the unborn child.

**11.10 Target Organ Toxicity (Repeated Exposure):** European Chemical Agency Data Base shows that no components of this product cause repeated exposure organ toxicity.

**11.11 Signs and Symptoms:** Contains material which may cause damage to the following organs: Eyes, Skin,

**11.12 Carcinogenicity:** OECD Guideline 453 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
2-Ethylhexanoate	Not listed	Not Listed	Not listed	Not Listed
2-Mercaptobenzothiazole	Not listed	Not Listed	Not listed	Not Listed

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### Section 12 - Ecological Information

#### 12.1

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

**12.2 Toxicity:** OECD Guideline 204 Test results found in the European Chemical Agency Data Base show components of this product very toxic and cause long-term toxicity to fish.

**12.3 Mobility:** Floats on water, absorbs into 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!** Container should be completely emptied prior to discard. Container with residues should be considered to be hazardous wastes. 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				
TDG Classification		Not Regulated				
RID/ARD Classification		Not Regulated				
IMDG Classification		Not Regulated				
ICAO/IATA Classification		Not Regulated				
Australian 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

**CERCLA Hazardous Substances and corresponding RQs:** None

**SARA Community Right-to-Know Program:** 2-Mercaptobenzothiazole

**Clean Water Act:** None

**Clean Air Act:** None

**OSHA:** All ingredients are listed in 1910.1200

#### State Regulations

**California prop. 65:** None

#### 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 Canadian Regulation

All substances contained in this product are listed on the Canadian Domestic Substances List (DSL) or are not required to be listed.

#### 15.3 Europe Regulations

All substances contained in this product are listed on the EU directives or are not required to be listed.

#### 15.4 International Regulations:

**Australian Inventory of Chemical Substance:** 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 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 own 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 data base of Canadian Centre for Occupational Health and Safety (CCOHS), JJ Keller on Line, European Chemical Agency Data Base and MSDS and SDS of chemicals in this mixture.

#### 16.3 CHEMTREC In country emergency dial numbers:

Australia (Sydney) + (61)-290372994  
China 4001-204937 must be call within China  
Germany 0800-181-7059 must be call within Germany  
Germany (Frankfurt) + (49)-6964350840  
Russia 8-800-100-6346 Must be call within Russia

#### 16.4 SDS Revision Date 02/15/2016

##### SDS Previous issue Date: None

Prepared by SJC Compliance Education, Inc.  
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Houston, TX. 77062

Note: Information for this SDS provided by Applied Chemical Specialties, Inc. Phone Number 847-477-9262

