



# SAFETY DATA SHEET

## VP Racing Ultra Power - Red ELC Antifreeze & Coolant

Prepared according to U.S. OSHA, CMA, ANSI, Canadian WHMIS, Australian WorkSafe, Japanese Industrial Standard JIS Z 7250:2000, and European Union REACH Regulations

### SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

|                        |   |
|------------------------|---|
| PRODUCT NAME:          | <b>VP Racing Ultra Power - Red ELC Antifreeze &amp; Coolant</b> |
| CAS#                   | Mixture   |
| MANUFACTURER'S NAME:   | <b>ZXP Technologies</b>   |
| ADDRESS:               | 409 E. Wallisville Rd., Highlands, TX 77562                     |
| EMERGENCY PHONE:       | 1-800-424-9300 <b>TOLL-FREE in USA/Canada</b>                   |
| BUSINESS PHONE:        | 281-426-8800 (Product Information)                              |
| WEB SITE:              | <a href="http://www.zxptech.com">www.zxptech.com</a>            |
| DATE OF PREPARATION:   | 13 June 2025  |
| DATE OF LAST REVISION: | 13 June 2025  |

### SECTION 2 - HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** This product is a red liquid

**HEALTH HAZARDS:** Harmful if swallowed. Causes serious eye irritation

**OTHER HAZARD(S):** Combustible liquid. Repeated exposure may cause dryness of the skin. Vapors may cause respiratory irritation.

**PRECAUTION(S):** Wear eye and skin protection before handling. Do not breathe mist/vapors/spray. Use in a well ventilated area. Wear protective gloves/protective clothing. **IF IN EYES:** Flush with water for 15 minutes and consult a physician. Do no ingest. **IF SWALLOWED:** Do NOT induce vomiting. Immediately call a **POISON CENTER** or doctor/physician.

**DISPOSAL:** Keep out of waterways. Check local, national, and international regulations for proper disposal

US DOT SYMBOLS

CANADA (WHMIS) SYMBOLS

EUROPEAN and (GHS) Hazard Symbols



Not Controlled



Signal Word: **Warning!**

**GHS Hazard Classification(s):**

Acute Toxicity, Oral Category 4  
Eye Irritation Category 2B

**Hazard Statement(s):**

H302: Harmful if swallowed  
H320: Causes eye irritation

Signal Word: **Warning!**

**Precautionary Statement(s):**

P264: Wash hands thoroughly after handling  
P270: Do not eat, drink or smoke when using this product  
P301+P312: IF Swallowed: Call a **POISON CENTER** and get **IMMEDIATE MEDICAL ATTENTION**.  
P330: Rinse mouth  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P337+P313: If eye irritation persists: Get medical advice/attention.  
P501: Dispose of all contents/containers in

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accordance with local regulations.

**TARGET ORGANS:** Kidney, Liver

### SECTION 3 - COMPOSITION and INFORMATION ON INGREDIENTS

| HAZARDOUS INGREDIENTS: | CAS #       | EINECS #    | Formula                                      | WT %    | Molecular Weight |
|------------------------|-------------|-------------|--|---------|------------------|
| Ethylene Glycol        | 107-21-1    | 203-473-3   | C <sub>2</sub> H <sub>6</sub> O <sub>2</sub> | >50     | 62.07 g/mol      |
| Antifreeze Inhibitors* | Proprietary | Proprietary | Proprietary                                  | <2      | Proprietary      |
| Dye                    | N/A         | N/A         | N/A  | <1      | N/A              |
| Deionized Water        | 7732-18-5   | 231-791-2   | H <sub>2</sub> O                             | Balance | 18.00 g/mol      |
|                        |             |             |  |         |                  |

### SECTION 4 - FIRST-AID MEASURES

**EYE CONTACT:** Immediately rinse with plenty of water for at least 15 minutes and seek medical attention immediately.

**SKIN CONTACT:** Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and wash using soap. Get medical attention immediately.

**INHALATION:** Move casualty to fresh air and keep at rest. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention immediately.

**INGESTION: Do Not Induce Vomiting!** Never give anything by mouth to an unconscious person. If conscious, wash out mouth with water. Get medical attention immediately.

### SECTION 5 - FIRE-FIGHTING MEASURES

**FLASH POINT:** Not Flammable  
**AUTOIGNITION TEMPERATURE:** Not Established  
**FLAMMABLE LIMITS (in air by volume, %):** Lower (LEL): Not Available Upper (UEL): Not Available  
**SUITABLE (AND UNSUITABLE) EXTINGUISHING MEDIA)** Product is not flammable. Use water, fog, foam, carbon dioxide or dry chemical on fires involving this product. Use appropriate media for adjacent fire. Cool unopened containers with water.

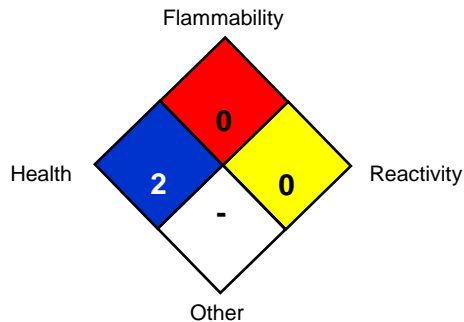
**SPECIAL FIRE-FIGHTING PROCEDURES:** Do not release runoff from fire control methods to sewers or waterways. Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full face piece operated in pressure-demand or positive-pressure mode. Full protective equipment including self-contained breathing apparatus should be used during a fire. During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Seek medical attention.

**SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:** Closed containers may rupture or explode due to steam pressure build-up when exposed to extreme heat. Water may be used to cool closed containers. May emit toxic fumes (oxides of carbon) under fire conditions. (See also Stability and Reactivity section).

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### NFPA RATING SYSTEM



### HMS RATING SYSTEM

| HAZARDOUS MATERIAL IDENTIFICATION SYSTEM             |             |
|--|-------------|
| HEALTH HAZARD (BLUE)                                 | 2           |
| FLAMMABILITY HAZARD (RED)                            | 0           |
| PHYSICAL HAZARD (YELLOW)                             | 0           |
| PROTECTIVE EQUIPMENT                                 |             |
| EYES   | RESPIRATORY |
| HANDS  | BODY        |
|  | See Sect 8  |
|  | See Sect 8  |
| For Routine Industrial Use and Handling Applications |             |

**Hazard Scale:** 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe \* = Chronic hazard

### SECTION 6 - ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES:** See section 8 for recommendations on the use of personal protective equipment.

**ENVIRONMENTAL PRECAUTIONS:** Prevent spillage from entering drains. Any release to the environment may be subject to federal/national or local reporting requirements.

**METHODS FOR REMOVAL:** Absorb spill with noncombustible absorbent material, then place in a suitable container for disposal. Clean surfaces thoroughly with water to remove residual contamination. Dispose of all waste and cleanup materials in accordance with regulations.

Dispose of in accordance with applicable Federal, State, and local procedures (see Section 13, Disposal Considerations).

### SECTION 7 - HANDLING and STORAGE

**PRECAUTIONS FOR SAFE HANDLING:** See section 8 for recommendations on the use of personal protective equipment. Use with adequate ventilation. Wash thoroughly after using. Keep container closed when not in use. Avoid formation of aerosols.

**CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:** Store in cool, dry well ventilated area. Store only in containers that are resistant to alkaline solutions. Keep away from incompatible materials (see section 10 for incompatibilities).

### SECTION 8 - EXPOSURE CONTROLS - PERSONAL PROTECTION

**EXPOSURE LIMITS/GUIDELINES:**

| Chemical Name   | Exposure Limits                 | Basis | Entity |
|-----------------|---------------------------------|-------|--------|
| Ethylene Glycol | 100 mg/m <sup>3</sup>           | STEL  | ACGIH  |
|                 | 50 ppm<br>125 mg/m <sup>3</sup> | STEL  | OSHA   |

Other Exposure Limits: Not Determined

**RESPIRATORY PROTECTION:** Provide local exhaust, preferably mechanical. If exposure levels are excessive, use an approved respirator.

**EYE PROTECTION:** Wear chemical safety glasses or goggles, and face shield.

**BODY PROTECTION:** Wear nitrile or rubber gloves, and full body covering. 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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**OTHER:** Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

### SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

|                               |                              |
|-------------------------------|------------------------------|
| PHYSICAL STATE:               | Liquid                       |
| APPEARANCE & ODOR:            | Red                          |
| ODOR THRESHOLD (PPM):         | Not Determined               |
| VAPOR PRESSURE (mmHg):        | 10 mmHg at 20°C (68°F)       |
| VAPOR DENSITY (AIR=1):        | 2.1 (air = 1)                |
| EVAPORATION RATE (nBuAc = 1): | No Data Available            |
| FLASH POINT                   | Not Flammable                |
| MELTING POINT (C°):           | No Data Available            |
| FREEZING POINT:               | -36°C (-34°F)                |
| pH:                           | 9.0-10.5                     |
| VISCOSITY:                    | No Data Available            |
| KINEMATIC VISCOSITY:          | Not Data Available           |
| SPECIFIC GRAVITY:             | 1.13                         |
| DENSITY:                      | No Data Available            |
| SOLUBILITY IN WATER (%):      | Completely soluble in water. |
| BOILING POINT (C°):           | 107°C (226°F)                |

### SECTION 10 - STABILITY and REACTIVITY

**STABILITY:** Stable

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of carbon.

**INCOMPATIBLE MATERIALS:** Strong acids, oxidizers.

**POSSIBILITY OF HAZARDOUS REACTIONS:** Will not occur

**CONDITIONS TO AVOID:** Storage below 15.5°C (60°F) or above 65.5°C (150°F)

### SECTION 11 - TOXICOLOGICAL INFORMATION

#### ACUTE EXPOSURE

#### **ETHYLENE GLYCOL**

|                    |  |
|--------------------|--|
| <b>Skin</b>        | LD50 Dermal - rabbit - 10,626 mg/kg        |
| <b>Eyes</b>        | Eyes - rabbit - Mild eye irritation - 24 h |
| <b>Respiratory</b> | Not Available                              |
| <b>Ingestion</b>   | LD50 Oral - rat - 4,700 mg/kg              |

#### **Carcinogenicity**

|              |  |
|--------------|--|
| <b>IARC</b>  | No components of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. |
| <b>ACGIH</b> | No components of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.            |
| <b>NTP</b>   | No components of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.                 |
| <b>OSHA</b>  | No components of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.             |

#### **Signs & Symptoms of Exposure**

|             |  |
|-------------|--|
| <b>Skin</b> | Brief contact is not irritating. Prolonged contact, as well as clothing wetted with material may |
|-------------|--|

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|                    |  |
|--------------------|--|
|                    | cause defatting of skin or irritation, seen as local redness with possibility of mild discomfort.  |
| <b>Eyes</b>        | Eye burns, watering eyes, redness.   |
| <b>Respiratory</b> | Irritation of nose and/or throat, drowsiness, headache, nausea.  |
| <b>Ingestion</b>   | Toxic when swallowed. Lethal dose for adults is 1-2mL per kilogram. Symptoms of exposure may include headache, weakness, confusion, nausea, dizziness, staggering gait, slurred speech, loss of concentration, faintness, vomiting, increased heart rate, decreased blood pressure, difficulty breathing, and pulmonary edema. Severe poisoning may cause death. |

|                                       |  |
|---------------------------------------|--|
| <b>Chronic Toxicity</b>               | Repeated overexposure may aggravate existing kidney disease. Repeated ingestion may cause kidney damage. |
| <b>Teratogenicity</b>                 | Not Available  |
| <b>Mutagenicity</b>                   | Not Available  |
| <b>Embryotoxicity</b>                 | Not Available  |
| <b>Specific Target Organ Toxicity</b> | Not Available  |
| <b>Reproductive Toxicity</b>          | Not Available  |
| <b>Respiratory/Skin Sensitization</b> | Not Available  |

### SECTION 12 - ECOLOGICAL INFORMATION

#### Ecotoxicity

##### *Ethylene Glycol*

|                             |  |
|-----------------------------|--|
| <b>Aquatic Vertebrate</b>   | LC50 - Oncorhynchus mykiss (rainbow trout) - 18,500 mg/l - 96 h<br>LC50 - Leuciscus idus (Golden orfe) - > 10,000 mg/l - 48 h<br>NOEC - Pimephales promelas (fathead minnow) - 32,000 mg/l - 7 d<br>NOEC - Pimephales promelas (fathead minnow) - 39,140 mg/l - 96 h |
| <b>Aquatic Invertebrate</b> | EC50 - Daphnia magna (Water flea) - 74,000 mg/l - 24 h<br>NOEC - Daphnia - 24,000 mg/l - 48 h<br>LC50 - Daphnia magna (Water flea) - 41,000 mg/l - 48 h  |
| <b>Terrestrial</b>          | Not Available  |

|                                      |                |
|--------------------------------------|----------------|
| <b>Persistence and Degradability</b> | Biodegradable. |
| <b>Bioaccumulative Potential</b>     | Not Available  |
| <b>Mobility in Soil</b>              | Not Available  |
| <b>PBT and vPvB Assessment</b>       | Not Available  |
| <b>Other Adverse Effects</b>         | Not Available  |

### SECTION 13 - DISPOSAL CONSIDERATIONS

|                           |  |
|---------------------------|--|
| <b>Waste Residues</b>     | Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product or residues. |
| <b>Product Containers</b> | Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.   |

The information offered in section 13 is for the product as shipped. Use and/or alterations to the product may significantly change the characteristics of the material and alter the waste classification and proper disposal methods.

### SECTION 14 - TRANSPORTATION INFORMATION

|                  |                     |
|------------------|---------------------|
| US DOT           | Not Dangerous Goods |
| TDG              | Not Dangerous Goods |
| IMDG             | Not Dangerous Goods |
| Marine Pollutant | No                  |
| IATA/ICAO        | Not Dangerous Goods |

# **SAFETY DATA SHEET**

## **VP Racing Ultra Power - Red ELC Antifreeze & Coolant**

### **SECTION 15 - REGULATORY INFORMATION**

|                           |   |
|---------------------------|---|
| TSCA Inventory Status     | All ingredients are listed on the TSCA inventory.   |
| DSCL (EEC)                | All ingredients are listed on the DSCL inventory.   |
| California Proposition 65 | Not Listed  |
| SARA 302                  | Not Listed  |
| SARA 304                  | Not Listed  |
| SARA 311                  | Acute Health Hazard   |
| SARA 312                  | Acute Health Hazard   |
| SARA 313                  | Not Listed  |
| WHMIS Canada              | Class D-2A: Poisonous and infectious material- Other effects- Very toxic<br>Class D-1B: Poisonous and infectious material- Immediate and serious effects- Toxic |

### **SECTION 16 - OTHER INFORMATION**

6/13/2025 – SDS was created

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