



## SAFETY DATA SHEET

### Section 1. Identification of the material and the supplier

Product: **Prestone Command Heavy Duty Antifreeze Coolant 50/50 Premix NF with Cor-Guard**

---

Product Code: AFC13100-55 AFC13100/F AFC13100-20L  
Product Use: Coolant  
Restriction of Use: Refer to Section 15

New Zealand Supplier: **Filpro Automotive NZ Ltd**  
Address: 40 Firth St Drury  
Auckland  
Telephone: +64 9 2946752  
Fax Number: +64 9 2946751

**Emergency Telephone: 0800 764 766 (National Poison Centre)**

Manufacturer: Prestone Corp  
Address: 39 Old Ridgebury Road  
Danbury, CT 06810-5109, USA  
Inquires: 001 203 830 7800

Date of SDS Preparation: 04 March 2021

### Section 2. Hazards Identification

**This substance is hazardous according to the *HSNO (Minimum Degrees of Hazard) Regulations 2001***

**EPA Approval No: Lubricants (Subsidiary Hazard) – HSR002606**

#### Pictograms



Aspiration



Toxic / Irritant

Signal Word: DANGER

| HSNO Classification      | Hazard Code | Hazard Statement   | GHS Category |
|--------------------------|-------------|--|--------------|
| 6.1D (oral)              | H302        | Harmful if swallowed.  | Category 4   |
| 6.3B                     | H316        | Causes mild skin irritation.                                       | Category 3   |
| 6.9B (Repeated exposure) | H373        | May cause damage to kidneys through prolonged or repeated exposure | Category 2   |
| 9.3C                     | H433        | Harmful to terrestrial vertebrates                                 |              |

| Prevention Code | Prevention Statement                  |
|-----------------|---------------------------------------|
| P102            | Keep out of reach of children.        |
| P103            | Read label before use.                |
| P260            | Do not breathe fumes or vapours.      |
| P264            | Wash hands thoroughly after handling. |

|      |   |
|------|---|
| P270 | Do not eat, drink or smoke when using this product. |
|------|---|

| Response Code | Response Statement   |
|---------------|--|
| P101          | If medical advice is needed, have product container or label at hand.      |
| P314          | Get medical advice/attention if you feel unwell.                           |
| P330          | Rinse mouth.   |
| P331          | Do NOT induce vomiting.  |
| P301 + P312   | IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. |
| P332 + P313   | If skin irritation occurs: Get medical advice/ attention.                  |

| Storage Code   | Storage Statement |
|----------------|-------------------|
| None Allocated |                   |

| Disposal Code | Disposal Statement                                       |
|---------------|--|
| P501          | Dispose of according to Local Regulations or Authorities |

### Section 3. Composition / Information on Ingredients

| Ingredients       | Wt%        | CAS NUMBER. |
|-------------------|------------|-------------|
| Ethylene Glycol   | 40-60<br>0 | 107-21-1    |
| Diethylene Glycol | 0-5        | 111-46-6    |
| Dye               | >.02       | Mixture     |
| Water             |            | Balance     |
|                   |            |             |

### Section 4. First Aid Measures

Routes of Exposure:

|              |  |
|--------------|--|
| If in Eyes   | Rinse cautiously with water for 15 minutes. If eye irritation persists: Get medical advice.  |
| If on Skin   | Wash with plenty of soap and water. If skin irritation occurs: get medical advice/attention.   |
| If Swallowed | Rinse mouth. DO NOT induce vomiting. Never give anything to the mouth of an unconscious person. If vomiting occurs, place victim face downwards, with the head turned to the side and lower than the hips to prevent vomit entering the lungs. Call a POISON CENTER (0800 764 766) or a doctor/physician if you feel unwell. |
| If Inhaled   | Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Get medical advice if breathing becomes difficult.   |

### Section 5. Fire Fighting Measures

|   |   |
|---|---|
| <b>Hazard Type</b>  | Non-flammable liquid  |
| <b>Hazards from combustion products</b>                             | Carbon monoxide, Carbon dioxide.  |
| <b>Suitable Extinguishing media</b>                                 | Always choose fire-extinguishing media appropriate for surrounding materials. |
| <b>Precautions for firefighters and special protective clothing</b> | Wear full protective gear.  |

|                     |                       |
|---------------------|-----------------------|
| <b>HAZCHEM CODE</b> | <b>None Allocated</b> |
|---------------------|-----------------------|

|   |
|---|
| <b>Section 6. Accidental Release Measures</b> |
|---|

Wear protective equipment as detailed in Section 8. Clear area of any unprotected personnel.

Collect for reclamation or absorb in vermiculite, dry sand or similar material.

Do not contaminate water sources or sewer. Dispose of according to Local Regulations.

|  |
|--|
| <b>Section 7. Handling and Storage</b> |
|--|

**Precautions for Handling:**

- Read label before use.
- Do not breathe fumes or vapours.
- Wash hands thoroughly after handling.
- Do not eat, drink or smoke when using this product.

**Precautions for Storage:**

- Store away from incompatible materials listed in Section 10.
- Keep out of reach of children
- Store above freezing.

|  |
|--|
| <b>Section 8 Exposure Controls / Personal Protection</b> |
|--|

**WORKPLACE EXPOSURE STANDARDS (provided for guidance only)**

| Substance                            | TWA<br>ppm | mg/m <sup>3</sup> | STEL |                   |
|--------------------------------------|------------|-------------------|------|-------------------|
|                                      |            |                   | ppm  | mg/m <sup>3</sup> |
| Ethylene glycol [107-21-1] (Ceiling) | 50         | 127               |      |                   |
| Diethylene glycol [111-46-6]         | 23         | 101               |      |                   |

Workplace Exposure Standard – Time Weighted Average (WES-TWA). *The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure.* Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). *The 15-minute average exposure standard.* Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply.

**Engineering Controls**

Ensure adequate ventilation is available.

**Personal Protection**

|                       |  |
|-----------------------|--|
| <b>Eyes</b>           | Wear goggles with side shields. Avoid wearing contact lenses.  |
| <b>Hands and Skin</b> | Use suitable protective gloves and protective clothing if risk of skin contact. EN374 Rubber gloves are recommended. |
| <b>Respiratory</b>    | If ventilation is poor, use appropriate cartridge respirator.  |

|   |
|---|
| <b>Section 9 Physical and Chemical Properties</b> |
|---|

|  |                |
|--|----------------|
| <b>Appearance</b>                      | Red liquid     |
| <b>Odour</b>                           | Near odourless |
| <b>Odour Threshold</b>                 | Not applicable |
| <b>pH</b>                              | 8.7-9.2        |
| <b>Boiling Point</b>                   | Not applicable |
| <b>Melting Point</b>                   | Not applicable |
| <b>Freezing Point</b>                  | Not applicable |
| <b>Flash Point</b>                     | Not available  |
| <b>Flammability</b>                    | Non-flammable  |
| <b>Upper and Lower Exposure Limits</b> | Not applicable |

|                           |                  |
|---------------------------|------------------|
| Vapour Pressure           | Not applicable   |
| Vapour Density            | Not applicable   |
| Relative Density          | Not applicable   |
| Solubilities              | Soluble in water |
| Partition Coefficient:    | Not applicable   |
| Auto-ignition Temperature | Not applicable   |
| Decomposition Temperature | Not applicable   |
| Kinematic Viscosity       | Not applicable   |
| Particle Characteristics  | Not applicable   |

## Section 10. Stability and Reactivity

|   |   |
|---|---|
| <b>Stability of Substance</b>           | This product is stable under normal conditions.           |
| <b>Conditions to Avoid</b>              | Keep away from heat, sparks, open flames and hot surfaces |
| <b>Incompatible Materials</b>           | None known.   |
| <b>Hazardous Decomposition Products</b> | Carbon monoxide, Carbon dioxide.                          |

## Section 11 Toxicological Information

### Acute Effects:

|                   |   |
|-------------------|---|
| <b>Swallowed</b>  | Harmful if swallowed. LD <sub>50</sub> = 522.152 mg/kg (calculated) |
| <b>Dermal</b>     | Not applicable.   |
| <b>Inhalation</b> | Not applicable.   |
| <b>Eye</b>        | Not applicable.   |
| <b>Skin</b>       | Causes mild skin irritation.  |

### Chronic Effects:

|                               |   |
|-------------------------------|---|
| <b>Carcinogenicity</b>        | Not applicable.   |
| <b>Reproductive Toxicity</b>  | Not applicable.   |
| <b>Germ Cell Mutagenicity</b> | Not applicable.   |
| <b>Aspiration</b>             | Not applicable.   |
| <b>STOT/SE</b>                | Not applicable.   |
| <b>STOT/RE</b>                | May cause damage to kidneys through prolonged or repeated exposure. |

## Section 12. Ecotoxicological Information

9.3C Do not release in the environment

|                                      |                   |
|--------------------------------------|-------------------|
| <b>Persistence and degradability</b> | No data available |
| <b>Bioaccumulation</b>               | No data available |
| <b>Mobility in Soil</b>              | No data available |
| <b>Other adverse effects</b>         | No data available |

## Section 13. Disposal Considerations

### Disposal Method:

**Precautions:** Dispose of waste according to Local regulations.

**Disposal methods to avoid:** Do not allow product to enter sewers, streams, or waterways

## Section 14 Transport Information

**This product is NOT classified as a Dangerous Good in NZ ; NZS 5433:2012**

**Section 15 Regulatory Information**

EPA Approval Code: **Lubricants (Subsidiary Hazard) – HSR002606**

HSNO Classification: 6.1D(oral), 6.3B, 6.9B, 9.3C

HSNO Controls:  
Trigger quantities for this substance:

|                             | <b>Trigger Quantity</b> |
|-----------------------------|-------------------------|
| Approved Handler            | Not required            |
| Location Certificate        | Not required            |
| Tracking Trigger Quantities | Not required            |
| Signage Trigger Quantities  | 10 000L                 |
| Emergency Response Plan     | 1000L                   |
| Secondary Containment       | 1000L                   |
| Restriction of Use          | Lubricant only          |

**Section 16 Other Information**

**Glossary**

|                  |   |
|------------------|---|
| EC <sub>50</sub> | Median effective concentration.   |
| EEL              | Environmental Exposure Limit.   |
| EPA              | Environmental Protection Authority  |
| HSNO             | Hazardous Substances and New Organisms.   |
| LC <sub>50</sub> | Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it. |
| LD <sub>50</sub> | Lethal dose to kill 50% of test animals/organisms.                                      |
| LEL              | Lower explosive level.  |
| OSHA             | American Occupational Safety and Health Administration.                                 |
| TEL              | Tolerable Exposure Limit.   |
| TLV              | Threshold Limit Value-an exposure limit set by responsible authority.                   |
| UEL              | Upper Explosive Level   |
| WES              | Workplace Exposure Limit  |
| AWC              | Aggregate water capacity  |

1. HSNO Approved Code of Practice: Preparation of Safety Data Sheets, September 2006.

**Disclaimer**

This document has been issued by Filpro Automotive Ltd and serves as their Safety Data Sheet ('SDS'). It represents the appropriate safety and handling precautions for the product at the time of issue. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated., it does not provide any warranty as to accuracy or completeness. Please contact the country distributor, if further information is required.

Issue Date: 04 March 2021      Review Date: 04 March 2026