



# Material Safety Data Sheet

## 1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY:

Product Name: **Fortron CFI (COMPLETE FILL INHIBITOR) COOLANT**  
Code: **CFI200 – 200 litre drum**  
**CFI20 - 20 litre container**  
**CFI - litre**

Manufacturing Division: Fortron Automotive Treatments Pty Ltd  
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Perth, Western Australia 6017

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**NOT CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA**  
**NOT A DANGEROUS GOODS ACCORDING TO THE CRITERIA OF THE ADG CODE**

Symbol: None  
Risk Phrases: None  
Safety Phrases: S2 – Keep out of the reach of children.

Use and Application: Premixed – ready to use radiator coolant.

## 2. PHYSICAL DESCRIPTION/PROPERTIES:

Appearance: Green liquid with slight odour  
Boiling Point (°C): 100 approx  
Freezing/Melting Point (°C): 0 approx  
pH: 7.5 to 9.5 (1% in water)  
Vapour Pressure: Not available  
Vapour Density: Not available  
Specific Gravity (g/ml @ 15°C): 1.01 – 1.02  
Flashpoint: Not applicable  
Flammability Limits: Not applicable  
Auto Ignition Temperature: Not applicable  
Solubility in Water: Soluble in water  
Percent Volatiles: 0

### HAZARDOUS INGREDIENTS

<u>Chemical Entity</u>	<u>CAS Number</u>	<u>Proportion %</u>
Non-Hazardous Corrosion Inhibitors Water	7732-18-5	< 5 Balance

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**3. HEALTH HAZARD INFORMATION:**

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**HEALTH EFFECTS - ACUTE**

Swallowed:	Non hazardous.
Eye:	Contact may cause eye irritation.
Skin:	Irritant – prolonged contact may cause dermatitis.
Inhaled:	Inhalation should be minimal since vapours are unlikely due to physical properties. Inhalation may cause irritation to lung.
Chronic:	Toxic to Kidneys and Liver.
Toxicity to Animals:	Acute oral toxicity (LD50): 4700mg/kg (Rat) Acute dermal toxicity (LD50): 9530 mg/kg (Rabbit)

**FIRST AID**

Swallowed:	If swallowed <b>DO NOT INDUCE</b> vomiting. Seek immediate medical attention.
Eye:	If contact with the eye(s) occur, immediately hold the eye open and wash continuously for at least 15 minutes with fresh running water. If irritation persists seek medical attention.
Skin:	If skin contact occurs, wash skin thoroughly with water and follow by washing with soap if available. If irritation persists, seek medical attention.
Inhaled:	Remove victim from exposure if safe to do so. If rapid recovery does not occur, transport to nearest medical facility for additional treatment.
First Aid Facilities:	Portable water should be available to rinse eyes or skin. Provide eye baths and safety showers.
Advice to Doctor:	Treat symptomatically.



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#### 4. FIRE FIGHTING MEASURES:

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Suitable Extinguishing Media:	For small fire use dry chemicals, carbon dioxide, water spray or foam. For large fires use water spray or fog. Do not use water jet.
Hazards from combustion products:	None expected.
Precautions for Fire Fighters and Special Protective Equipment:	Wear protective clothing.
Additional Information:	None.

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#### 5. ACCIDENTAL RELEASE MEASURES:

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Observe all local and national regulations.

**Spills and Disposal, Methods and Materials for Containment and Clean Up Procedures:** For small spills, dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. For large spills absorb with an inert material and put the spilled material in an appropriate waste disposal container. Dispose of in accordance with regional regulations.

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#### 6. HANDLING AND STORAGE

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Precautions for Safe Handling and Storage:	Avoid contact with eyes, skin and clothing. DO NOT ingest. Avoid breathing mist. Wash thoroughly after handling. Do not eat, drink or smoke in contaminated areas. Before eating, drinking or smoking, remove contaminated clothing and wash hands.
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#### 7. EXPOSURE CONTROLS / PERSONAL PROTECTION

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Exposure Standards:	None assigned.
Biological Limit Values:	No biological limit allocated.
<b>Personal Protective Equipment:</b>	
Respiratory Protection:	Wear appropriate respirator when ventilation is inadequate.
Hand Protection:	Use solvent resistant gloves (Nitrile, PVC or neoprene).
Eye Protection:	Wear safety goggles.
Protective Clothing:	No special protection is ordinarily required beyond standard issue work clothes.
Engineering Controls:	Avoid generating and inhaling mists.

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**8. STABILITY & REACTIVITY:**

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Chemical Stability: Stable under normal conditions of use.  
Conditions to Avoid: No additional remark.  
Incompatible Materials: Strong oxidising agents.  
Hazardous Decomposition Products: None.

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**9. ECOLOGICAL INFORMATION:**

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Ecotoxicity:

Fish: Low toxicity: LC/EC/IC50 > 100mg/1  
Aquatic Invertebrates: Low toxicity: LC/EC/IC50 > 100mg/1  
Algae: Low toxicity: LC/EC/IC50 > 100mg/1  
Micoorganisms: Low toxicity: LC/EC/IC50 > 100mg/1  
Mobility: Miscible with water.  
Persistence/degradability: Biodegradable.

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**10. DISPOSAL CONSIDERATIONS:**

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Disposal Methods: Ensure water disposal conforms to local waste disposal regulations.

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**11. TRANSPORT INFORMATION:**

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UN Number: Non Regulated  
Class: N/A  
Packing Group: N/A  
Special Precautions for User: None  
Proper Shipping Name: N/A  
Subsidiary Risk: N/A  
Hazchem Code: N/A

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**12. REGULATORY INFORMATION:**

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Poisons Schedule: N/S  
AICS: Listed  
Dangerous Goods Initial Emergency Response Guide (SAA HB76:2004): N/A

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**13. OTHER INFORMATION:**

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Title: A. O'Mara – Warehouse Manager  
Telephone: +618 9202 7800 (during working hours)

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