

## CIM Ultra Coolant XR

### Overview:

- **Pre-Mixed Precision:** Optimized coolant/deionized water/wetting-agent blend for immediate track use.
- **Thermal Transfer Mastery:** Nano-scale wetting agents reduce surface tension by 72% vs. conventional coolants, ensuring maximum metal contact for **15°C peak cylinder head temperature reduction**.
- **Power Enabler:** Lower temperatures increase air density, enabling advanced ignition timing (+4– 6°) and eliminating detonation at >9,000 RPM.
- **Technology:** Advanced Wetting Agent System
- **Compliance:** MEG-Free, Racing-Optimized

### Technical Data: CIM Ultra Coolant XR

|                          |              |
|--------------------------|--------------|
| Appearance ( VISUAL)     | BRIGHT/CLEAR |
| Density @ 20°C ASTM 1298 | 1.006        |
| MEG Content FTIR         | 0.00         |
| pH content               | 8.11         |

### Application & Usage

#### Developed For:

- High-Compression racing engines radiators where heat dissipation is critical.
- Turbocharged sprint engines
- Air-cooled engine auxiliary systems
- Titanium/composite water jackets

#### Not Recommended For:

- Systems with lead solder
- Mixing with glycol-based coolants

#### Why Pre-Mixed + Wetting Agents?

- Wetting agents degrade rapidly in hard water → Pre-mixing with deionized water ensures stability.
- Concentration accuracy critical for heat-transfer gains → Factory-controlled 10.2% wetting agent load.
- Eliminates dilution errors in high-stress environments (pits/garage).

**Corrosion Protection:**

- Triazole/phosphonate inhibitors protect aluminium heads and magnesium housings .

**ShelfLife:** 36months(unopened,<30°C)

**Safety:** Non-flammable · pH-neutral skin contact · ECOA/IMDG exempt

**Usage Instructions:**

Shake Well before use. For optimal results , do not dilute.

**"Decrease head temps or increase boost – Coolant XR lets you choose your advantage."**

**CIM Ultra Coolant XR**

CIM Lubricants PTY (Ltd) - 486 Taljaard Street , Hermanstad Pretoria ,South Africa P.O Box 11053 Suiderberg 0055

Technical Help Line 060 428 8103 / Customer Service 012 377 2507

[www.cimlubricants.com](http://www.cimlubricants.com)

This data sheet and the information is believed to be accurate as of the date of printing. However, to the extent that it is permissible by law to exclude warranties and representations, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet.