



# Non Toxic Glycol Antifreeze

## For caravan & motorhome waste water systems

### Performance Properties

**Coolflow RV** is based on propylene glycol and contains a blend of synergistic corrosion inhibitors that will protect mild & stainless steel, aluminium, copper, brass and cast iron to BS6580 corrosion standards.

#### Non Toxic:

**Coolflow RV** has an LD50 toxicity rating (Oral Rat) of >15,000 mg/kg of body weight (bw) = "Relatively Harmless" as confirmed by the Hodge & Sterner Scale.

#### Optimum Flow:

**Coolflow RV** has improved heat transfer characteristics. Including lower Dynamic Viscosity and higher Thermal Conductivity. For detailed comparison please refer to the Fluid Performance Chart - available upon request.

#### Protection:

**Coolflow RV** has been tested in accordance with BS5117 and found to meet BS6580 and ASTM D1384 corrosion standards. **Coolflow RV** also contains scale and biological inhibitors to help prevent fouling – thus promoting long operational life.

### Application

**Coolflow RV** is a concentrated product and should be diluted to suit local ambient weather conditions, please see mixing guide below.

**Coolflow RV** can also be supplied as a Ready-To-Use solution.

### Diluting Concentrate

When measuring the percentage concentration of **Coolflow RV** in solution we recommend the use of a recently calibrated refractometer.

### Physical Properties

#### Frost Protection

-50°C depending on concentration.

#### Density

1.02 - 1.15 g/cm<sup>3</sup> depending on inhibitors

#### pH

7.5 - 9.0 depending on inhibitors

#### Boiling Point

>100°C

#### Characteristics

a clear, slightly viscous liquid. It is mildly sweet to the taste and has a non-pungent but characteristic aroma.

#### Biodegradability

**Coolflow RV** mixtures are readily biodegradable (90% over ten days) and will not remain in the environment or bio-accumulate.

#### Container Sizes

Available in: 5, 10, 25, 205L drums & 1000L IBCs

Frost Protection °C	v/v of Coolflow RV %
-15	35.0
-20	40.0
-25	45.0
-30	50.0
-40	55.0
-50	60.0

### Fluid Management Services

To ensure inhibitor levels are being maintained and the system fluid is in good condition, we recommend periodic sampling and testing. Hydratech operate the Fluid Monitoring Program (FMP) service for all users of our products. For more information on the FMP please call or visit [www.hydratech.co.uk](http://www.hydratech.co.uk).

### Quality Assured

Coolflow RV meets or exceeds the corrosion standards laid down in ASTM D-1384. Hydratech products are manufactured in accordance with ISO9001 procedures.

### Storage & Shelf Life

At least 3 years when stored in sealed containers, below 40°C and out of direct sunlight.

### Health & Safety

Please refer to the associated Safety Data Sheet, which is available online via Login and/or by mail.

### 24/7 Technical Support

Technical support services and products to ensure ongoing system efficiency and protection.

**tel. 01792 586800**

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