

## TECHNICAL DATA SHEET

### POLYGARD DE-IONISED WATER



Polygard De-ionised Water contains no solid minerals or other contaminants and does not form scales when exposed to prolonged heat. It thus provides proper heat transfer, long durability and less maintenance of equipment compared to non-treated water.

Polygard De-ionised Water is ideal for the dilution of Antifreezes and Screen-washes as well as being used to top up batteries and for use in steam irons and other equipment that require the production of steam. .

Polygard De-ionised Water is produced to the following specification:

<u>Parameter</u>	<u>Specification</u>
Appearance	Clear water white liquid with no visible or suspended matter
pH	5.5 – 8.0
Conductivity (20°C)	< 20µS/cm

#### Typical Analysis

Chloride (mg / L)	< 0.1	Aluminium (mg / L)	< 0.04
Silicate (mg / L)	< 0.1	Calcium (mg / L)	< 0.5
Sulphate(mg / L)	< 0.5	Sodium (mg / L)	< 0.5
		Potassium (mg / L)	< 0.2

Other metals including Copper, Cadmium, Iron, Lead, Magnesium , Nickel and Zinc all below 0.01 mg/L each

#### STORAGE REQUIREMENTS

The product should be stored at ambient temperatures and periods of exposure to temperatures below 0°C should be minimised. De-ionised water should always be stored in the original container, and partly used containers should be closed tightly after use.

#### TOXICITY and SAFETY

See the POLYGARD DEIONISED WATER Material Safety Data Sheet.