



Metacare W500

Fully synthetic, water soluble corrosion inhibitor

Description

Metacare W500 is a fully synthetic, low foaming water soluble corrosion inhibitor concentrate that deposits a corrosion inhibiting layer to bright metal surfaces.

Metacare W500 is based on a unique blend of high quality additives that offers superior wetting capabilities which results in an even dry to the touch protective film that provides short term indoor protection.

Metacare W500 solutions are best applied via dipping or spraying, the product is Barium, Boron and Formaldehyde releasing biocide free.

As a powerful corrosion inhibitor **Metacare W500** is also recommended for the protection of water circulation systems (such as pressure testing equipment, hydro bulging and coolant systems) and as a cleaner for light degreasing when used at 5% concentration.

Features and benefits

- Water soluble concentrate – use at 2 – 10% in water
- Superior wetting giving an even coating and reliable protection
- Water based technology – no emissions & kinder to operators
- Fully synthetic product - no oily residues, dry to the touch film
- Barium, Boron and Formaldehyde releasing biocide free

Directions for use

Agitate before to use. **Metacare W500** is provided as a concentrate for dilution in water, the product should be added to water in an area of high agitation.

To achieve maximum performance **Metacare W500** should be applied by dipping or spraying. After treatment parts should be allowed to drain/dry before packaging or storage.

Global specialists in high-performance lubricants



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For use as a cleaner, optimal cleaning action is achieved at elevated temperatures (50 - 60°C) with a good amount of agitation.

For metal protection **Metacare W500** should be used between 2-10% concentration.

For recirculating system protection **Metacare W500** should be used at 5% concentration.

Technical data (typical values)

Property	Test method	Result
Appearance	MSTM 1	Hazy/yellow fluid
Density at 20°C	MSTM 23	1.094 g.cm ⁻³
pH @ 5%	MSTM 18	9.5
Corrosion Breakpoint	IP 287	0.5%

Concentration monitoring

Concentration is generally measured using a refractometer measuring on the Brix scale.

To obtain the actual concentration multiply the refractometer reading by the correction factor 1.42

e.g. Refractometer reading: **2.7 Brix** X Correction factor **1.42** = Actual concentration **3.83%**

Pack sizes

Metacare W500 is available in 20ltr, 205ltr and 1000ltr containers.

Storage

Metacare W500 is water based, protect from frost to avoid separation of constituents.

Storage temperature should be controlled to between 10°C and 35°C.

The product information in this publication is based on knowledge and experience at the time of printing. There are many factors outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility.

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