

Petcor Aqua-SF

Water based Rust Preventive

Description

Petcor Aqua-SF is a solvent-free, water based anticorrosive product. It is non-hazardous and non-flammable.

The mechanism by which Petcor Aqua-SF offers protection is two-fold:

Firstly – in direct contact with the metal surfaces as a dried protective film/coating.

Secondly – via the release of corrosion-inhibiting vapours. In a sealed environment, the accumulation of these vapours permits the protection of metal surfaces that would otherwise be hard to reach using conventional dipping or spraying processes.

Application

- Ready to use, or dilute with water (aqueous solutions of 25% Petcor Aqua-SF).
- Compatible with Steel & Iron-based alloys (Incompatible with some metals – see important handling information below).
- Methods of application for direct coating of metal surfaces: brushing, dipping etc. Then, allow to dry. The resultant coating does not have to be removed (but removal is easily achieved by rinsing with water).
- Methods of application for vapour-borne protection: fogging, flooding or spraying directly into equipment requiring protection. Then, seal the protected item to allow the accumulation of protective-vapours.
- Ideal in a variety of applications, including the testing of pumps & valves, hydraulics, metal tanks, pressure vessels etc.

Typical Properties

Property	Typical	Min.	Max.
State	Liquid	-	-
Colour	Light Yellow	-	-
Specific Gravity	-	1.01	-
TAN (mg KOH/g)	120	-	-
pH (15% in water)	7.0	-	-
Viscosity @20°C (cP)	12	-	-
Thickness of Dried Coating (µm)	7.5	7	8
Surface Area Covered (m ² /L)	65	60	70

Handling and Storage

Testing should always be carried out to ensure compatibility with other components/metals. In contact with Al, Cd, and Zn (incl. galvanized Zn), Hydrogen gas may be released.

Keep the product sealed in the original container. For further information, please consult the SDS.

The information contained within this publication is based on the present state of our knowledge. Any recommendations or conclusions are made without liability on our part. Values shown are typical and should not be construed as specification limits.