

Reference : FTDMC revision I
Creation date : 04/03/03
Modification date : 17/01/2016

Corrosion Inhibitor
Heat-transfer fluids / Antifreezes

FUNCTION

Ready-to-use, liquid-form and organic **corrosion inhibitor** for **ferrous** and **non-ferrous** metals, being in contact with **neutral-to-alkaline** aqueous solutions.

APPLICATION

Mainly used in :

- Water-soluble **heat-transfer fluids** or **coolants**;
- **Antifreeze fluids** and **de-icing solutions**.

FEATURES

- Fully **water-soluble** liquid
- **Non-flammable**
- **Non foaming**
- Free from **bore, phosphate, molybdate, silicate** or **nitrite**
- **Stable** in **hard waters**

INCORPORATION / DOSAGE

Can be **directly added to the solution** to be treated.
pH can be adjusted if necessary, with mineral or organic base as preferred.

Indicative use dosages (% of total end-solution weight) **1,5 to 3 %** depending on the solution nature (pH, water hardness, ...).

* : non-contractual data

Note : The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests ; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed.

PROPERTIES

Chemical nature :

Aqueous preparation made of organic acid salts and azole derivatives.

Appearance : yellow limpid liquid.

Density (20°C) : $1,14 \pm 0,02$

pH pure (20°C) : $8,7 \pm 0,3$

Viscosity (20°C) : 500 ± 100 cps

Freezing point : $< 5^{\circ}\text{C}$

Foaming power : null

Miscibility :

Water : miscible

Ethanol : miscible

Isopropanol : miscible

Glycols : miscible

Acetone : miscible

White-Spirit : non miscible

PACKAGING

Plastic pail of **30 kg** net.

Metal drum of **200 kg** net.

IBC of **1000 kg** net.

STORAGE

Ideal **temperature conditions** : 5 to 30°C. Under 5°C, the product can freeze.

Exposure : avoid direct exposure to sunlight.

Expiration : 2 years in its original closed drum, in storage conditions described above.

With time, the colour of the product may turn darker, but it doesn't modify its properties.

TRANSPORT

No specific condition for transport.

Weight and packaging size* (off-pallet) :

Pail : 1,5kg - Ø30, H50

Drum : 15kg - Ø60, H90

IBC : 70kg - L120, l100, H120

HANDLING / SECURITY

Refer to updated Material and Safety Data Sheet.