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Corrosion Inhibitor
Ferrous Metals/ Non-ferrous alloys

FUNCTION

Ready-to-use, liquid-form and organic **corrosion inhibitor** for **ferrous metals** and non-ferrous alloys based on **aluminium, magnesium, copper, zinc or nickel**.

Can be used in **low acid-to-alkaline** aqueous solutions.

APPLICATION

Mainly used in :

- **Aqueous cleaners** or **paint removers** in contact with metal substrates ;
- **Maintenance** products or **renovators** for light metals (polish, de-icing fluids, leak detectors,...) ;
- **Metallic waterborne coatings** formulations containing aluminium pigments/flakes.

FEATURES

- Fully **water-soluble** liquid
- **Non-foaming**
- **VOC-free**
- **Non-flammable**
- **Stable** in hard waters
- Free of **bore, molybdate, silicate** or **nitrite**
- Exclusively made from authorized substances for **food-contact cleaners***

INCORPORATION / DOSAGE

Can be **directly added** to the solution to be treated, without any pre-mix or neutralization step.

Range of pH : 4 to 10

Indicative use dosages (% of total end-solution weight)

- **1 to 3%**, depending on the solution pH and nature.

* : according to decree of 08/09/99

** : non contractual data

PROPERTIES

Chemical nature :

Aqueous preparation made of organic phosphates.

Appearance : yellow to amber liquid.

Density (20°C) : 1,30 ± 0,02

pH pure (20°C) : 7,4 ± 0,3

Viscosity (20°C) : 1100 ± 200 cps

Freezing point : < 5°C

Miscibility :

Water :	miscible
Ethanol :	miscible
Isopropanol :	non miscible
MEG :	miscible
MPG :	miscible
Acetone :	non miscible
White-Spirit :	non miscible

PACKAGING

Plastic pail of **30kg** net.

Metal drum of **200kg** net.

IBC of **1000 kg** net.

STORAGE

Ideal **temperature conditions** : 5 to 30°C.

Exposure : avoid direct exposure to sunlight.

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

With time, the colour of the product may turn darker, but it does not 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.

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.

