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FUNCTION

Ready-to-use, liquid-form **flash-rust inhibitor** for any waterborne coating.
Corrosion inhibitor for metal packaging protection.

APPLICATION

Any type of waterborne paint or coating, neutral or alkaline, for **industrial, professional** or **do-it-yourself** use :

- Paints
- Thick-coatings
- Varnishes
- Stains
- Mastics
- Glues...

FEATURES

- **Ready-to-use** aqueous liquid
- **VOC-free**
- **Improves coating's water resistance**
- Usable for ferrous and galvanized steel substrates
- Compatible with a **very wide range** of binders (acrylics, styrene-acrylic, epoxy, PU, alkyds, ...)

INCORPORATION / DOSAGE

Can be added at **any manufacturing step**.

Can be **post-added**.

In **2K systems**: should be added in the **resin** part in most cases (to be checked with preliminary testing).

Indicative use dosages (% of total coating weight) :

- **0,1 to 0,3%** on degreased steel, not rusted, sand-blasted or not.
- **0,5 to 1,5%** on cast-iron or rusted substrates.
- **0,3 to 1,5%** for packaging protection.

Above dosages can be increased when the coating is applied in **severe conditions** of ambient humidity.

PROPERTIES

Chemical nature :

Aqueous preparation made of organic acid salts and sodium nitrite.

Appearance : pale yellow limpid liquid.

Density (20°C) : $1,16 \pm 0,02$

pH pure (20°C) : $7,5 \pm 0,3$

Viscosity (20°C) : < 30 cps

Freezing point : < 0°C

VOC* : 0%

Miscibility :

Water : miscible
Ethanol : partly miscible
Isopropanol : non miscible
Ethylene glycol : miscible
Butylglycol : miscible
DPM : partly miscible

PACKAGING

Plastic pail of **30kg** net.

Metal drum of **200kg** net.

IBC of **1000 kg** net.

STORAGE

Ideal **temperature conditions**: 0 to 30°C.

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.

* : according to directive 2004-42-CE

** : non contractual data

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