

Reference : FTHW10 revision A
Date : 31/10/2023

Flash-rust Inhibitor for **Critical Cases**

FUNCTION

Ready-to-use and powerful liquid-form **flash-rust inhibitor** for water-based coating.
Corrosion inhibitor for metal packaging protection.

APPLICATION

Can be added to neutral or alkaline water-based coatings of any nature, for **industrial, professional** or **do-it-yourself** use :

FEATURES



OPTIMIZED FOR **CRITICAL CASES**
(WELDS, CAST-IRON, SANDED
SUBSTRATES)



MAINLY FORMULATED WITH
BIO-BASED SUBSTANCES



READY-TO-USE



IMPROVES COATING'S **WATER
RESISTANCE**



VOC-FREE



COMPATIBLE WITH
MOST BINDERS

INCORPORATION / DOSAGE

To be added into the final manufacturing step.

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%** on cast-iron or rusted substrates.
- **0,8 to 1,2%** on welds
- **0,3 to 1,5%** for packaging protection.

PROPERTIES

Chemical nature :

Aqueous preparation made of organic acid salts and sodium nitrite.

Appearance : pale yellow limpid liquid.

Density (20°C) : $1,13 \pm 0,02$

pH pure (20°C) : $7,6 \pm 0,3$

Viscosity (20°C) : 80 ± 20 cps

Freezing point : $< 0^{\circ}\text{C}$

VOC* : 0%

Miscibility :

Water : non miscible

Ethanol : miscible

Glycols : 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.

* : according to directive 2004-42-CE

** : non contractual data

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.

