

Reference : FTAC1 revision B
Issue date : 01/04/2021
Modification date : 24/11/2021

Corrosion Inhibitor
Acid pickling / HCl medium

FUNCTION

Liquid **Corrosion inhibitor**, ready-to-use, used for the protection of **ferrous metals** in contact with acid solutions, especially based on chlorhydric acid.

APPLICATION

Mainly used in below applications :

- Pickling of metal pieces in acid medium ;
- Elimination of **scale deposits** with acids on metallic surfaces ;
- **Cleaning** of surfaces by acid solutions ;
- Protection of **metal packagings** containing acid solutions.

FEATURES

- Fully **hydrosoluble** liquid
- **Non flammable**
- **High protection power** of ferrous metals in contact with chlorhydric acid solutions.
- Free from methenamine or methyloxirane.

INCORPORATION / DOSAGE

Directly incorporated in the solution to be treated, without any pre-mixing.

Indicative dosages (% in total weight of the solution to be treated) :

- Medium HCl 10 to 20%, use at ambient temperature : **0,5 to 1%**, according to the duration of contact with metals.
- Medium HCl 10 to 20%, use between 30 and 45°C : **2 to 5%**, according to the duration of contact with metals.

PROPERTIES

Chemical nature :

Aqueous preparation based on quaternary ammonium.

Aspect : clear liquid.

Density (20°C) : 1,00 ± 0,02

pH of the pure product (20°C) : 7,6 ± 0,3

Viscosity (20°C) : < 20 cps

Freezing point : ~ 0°C

Miscibility :

Water : 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.

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.

