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Corrosion Inhibitor
Zinc and alloys

FUNCTION

Ready-to-use, liquid-form and organic corrosion inhibitor for zinc and alloys.
Can be used in near neutral-to-alkaline aqueous solutions.
Protects also ferrous metals, tin, copper and alloys.

APPLICATION

Mainly used for :

- Aqueous cleaners or paint removers being in contact with zinc and galvanized substrates ;
- Maintenance products or renovators for zinc (polish, detergents,...) ;
- Metallic waterborne coatings formulations containing zinc pigments/flakes.
- Aqueous formulations packed into metal cans, to avoid packaging corrosion.

FEATURES

- Fully water-soluble liquid
- Non-foaming
- VOC-free
- Non-flammable
- Free of bore, amine or nitrite

INCORPORATION / DOSAGE

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

Range of pH : 6 to 10

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

- **1 to 2%**, into cleaners ;
- **0,2 to 1%** for metal can protection.

* : non contractual data

PROPERTIES

Chemical nature :

Aqueous preparation made of carboxylic acid salts and azole compounds.

Appearance : pale yellow liquid.

Density (20°C) : 1,07 ± 0,02

pH pure (20°C) : 9,9 ± 0,3

Viscosity (20°C) : < 30 cps

Freezing point : < 5°C

Miscibility :

Water :	miscible
Ethanol :	miscible
Isopropanol :	non miscible
MEG :	miscible
MPG :	miscible
Acetone :	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 closed drum, in storage conditions described above.

TRANSPORT

No specific condition for transport.

Weight and packaging size* (off-pallet) :

Pail : 1,5kg - Ø30, H50

Drum : 20kg - Ø60, H90

IBC : 60kg - L120, l100, H120

HANDLING / SECURITY

Refer to updated Material and Safety Data Sheet.

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