

### FUNCTION

Ready-to-use, liquid-form and organic **corrosion inhibitor** for **ferrous** and **non-ferrous** metals in contact with **neutral-to-alkaline** aqueous solutions.

### APPLICATION

Mainly used in :

- Water-soluble **heat-transfer fluids**, especially closed recirculating **calcium chloride brine** systems;
- Glycol-based or organic salts based **antifreeze fluids** and **de-icing solutions**.

### FEATURES

- Fully **water-soluble** liquid
- **Non-flammable**
- High level of protection for **copper and alloys**
- Very active against **galvanic corrosion**
- **Does not contain** any heavy metal
- **Very stable** in calcium chloride solutions
- **Free from** chromate, bore, phosphate, molybdate, silicate or nitrite

### INCORPORATION / DOSAGE

Can be **directly added** to the concentrated or ready-to-use solution to be treated.

**Indicative use dosages** (% of total end-solution weight) **1 to 4 %** depending on the solution nature, operating conditions and desired results.

### HANDLING / SECURITY

Refer to updated Material and Safety Data Sheet.

### PROPERTIES

#### Chemical nature :

Aqueous preparation made of organic acid salts and azole derivatives.

**Appearance** : yellow limpid liquid.

**Density (20°C)** :  $1,10 \pm 0,02$

**pH pure (20°C)** :  $8,9 \pm 0,3$

**Viscosity (20°C)** :  $< 30$  cps

**Freezing point** :  $< -5^{\circ}\text{C}$

**Foaming power** : very low

#### Miscibility :

Water : miscible

Ethanol : miscible

Isopropanol : miscible

Glycols : miscible

Acetone : miscible

White-Spirit : miscible

### PACKAGING

Plastic pail of **30 kg** net.

Metal drum of **200 kg** net.

IBC of **1000 kg** net.

### STORAGE

Ideal **temperature conditions** :  $-5$  to  $30^{\circ}\text{C}$ .

**Exposure** : avoid direct exposure to sunlight.

**Expiration** : 2 years in its original closed 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

\* : non-contractual data

