Technical Data Sheet

ASCOTRAN® - R4D

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Corrosion Inhibitor
Heat-transfer fluids

FUNCTION

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

APPLICATION

Mainly used in water-based **heat-transfer fluids** for **cooling** systems of machines and computers.

FEATURES

- Fully **water-soluble** liquid
- **Non-flammable**
- **Non foaming**
- High level of protection for **copper and alloys**
- Protects efficiently against the **galvanic corrosion** of metals
- **Free from bore, phosphate, molybdate, silicate** or **nitrite**
- **Stable** in **hard waters**

INCORPORATION / DOSAGE

Can be **directly added to the solution** requiring treatment.
pH can be adjusted if necessary, with mineral or organic base, as preferred.

Indicative use dosages (% of total end-solution weight) **5 to 10 %** depending on the nature of the solution.

HANDLING / SECURITY

Refer to updated Material and Safety Data Sheet.

** : non-contractual data*

PROPERTIES

Chemical nature :
Aqueous preparation made of organic acid salts and azole derivatives.
Appearance : pale yellow limpid liquid.
Density (20°C) : 1,00 ± 0,02
pH pure (20°C) : 7,1 ± 0,3
Viscosity (20°C) : < 30 cps
Freezing point : < 0°C
Foaming power : null
Miscibility :

Water :	miscible
Ethanol :	miscible
Isopropanol :	miscible
Glycols :	miscible
Acetone :	miscible
White-Spirit :	non miscible

PACKAGING

Plastic pail of **30 kg** net.
Metal drum of **200 kg** 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 sealed packaging, 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

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