

Reference : TDSL44 revision A  
Creation date : 15/02/2021  
Modification date : -

Multimetal Corrosion Inhibitor  
Metal Working Fluids

## FUNCTION

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

## APPLICATION

Mainly used for :

- **Neutral or alkaline metal cleaners or degreasers** ;
- Water-soluble **lubricants, cutting oils or grinding fluids** used during metal-working procedures ;

## FEATURES

- **Water-soluble** liquid
- **High level** of protection of **aluminium and alloys** in contact with alkaline solutions.
- Prevents **flash corrosion** on steel
- Protects efficiently **copper and alloys**
- Delivers **additionnal lubricating** properties
- **Non-flammable**
- **VOC-free**
- **Free from boron, phosphorous, molybdate, silicate or nitrite**
- Partly made of **bio-based** components.

## INCORPORATION / DOSAGE

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

**Range of pH** : 6,5 - 12

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

- **0,5 to 2%**, depending on the solution pH and nature.

## HANDLING / SECURITY

Refer to updated Material and Safety Data Sheet.

## PROPERTIES

### Chemical nature :

Aqueous preparation made of organic acid salts.

**Appearance** : yellow to amber limpid liquid.

**Density (20°C)** : 1,12 ± 0,02

**pH pure (20°C)** : 8,8 ± 0,3

**Viscosity (20°C)** : 600 ± 50 cps

**Freezing point** : < -5°C

### Miscibility :

Water : miscible

Alcohols : miscible

Glycols : 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.

With time, the colour of the product may turn darker, but it doesn't modify its properties.

## TRANSPORT

**No specific condition** for transport.

**Gross packaging weight and size\*** (off-pallet) :

Pail : 31,5kg - Ø30, H50 cm

Drum : 220kg - Ø60, H90 cm

IBC : 1060kg - L120, i100, H120 cm

\* : non-contractual data

*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.*

