

Technical Datasheet



Trade name : Corrosion Protection for Water Based Systems
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Description

The bio-chem Corrosion Protection for Water Based Systems is a low-foaming corrosion protection component for the bio-chem detergent, the bio-chem welding protection spray, passivation, water treatment products and pressure water systems. The bio-chem Corrosion Protection for Water Based Systems contains 100% of active ingredient and achieves its optimum effect in neutral and alkaline systems. The bio-chem Corrosion Protection for Water Based Systems is completely water-soluble, free of secondary amines, mineral oil, nitrite, PTBB and contains no phosphoric compounds. It is improving the corrosion protection for long service life in alkaline industrial cleaner systems, as passivation for temporary corrosion protection for steel, iron and cast iron as well as for short-term interim storage.

Chemical characterisation

Water-soluble corrosion inhibitor based on amines.

Classification according to Regulation (EC) No.1272/2008 [CLP]

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Transport information

ADR : -

Water hazard class (Classification according to VwVwS)

Water hazard class : 1 (Slightly hazardous to water)

Labelling for contents according to regulation (EC) No. 648/2004

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Safety equipment

Eye / Face protection:	suitable safety goggles acc. EN 166	In case of splash
Hand protection:	suitable gloves type EN 374	In case of possible or enduring skin contact
Respiratory protection:	Combination filtering device DIN EN 14387	In case of exceeding exposure limit values

Application

For best results in corrosion protection, the dosage should be approximately 2.5%.

Technical data

Appearance :	liquid	Solidifying temperature :	-25 °C
Colour :	yellow	Ignition temperature :	not relevant
Odour :	characteristic	Upper explosion limit :	not relevant
Boiling temperature :	not measured	pH-value :	8,6
Flash point :	not relevant	VOC (CH) :	0 Wt %
Lower explosion limit :	not relevant		
Density (20 °C) :	ca. 1,15 g/cm ³		
VOC (EG) :	0 Wt %		

Storage

Keep container tightly closed. Keep/store only in original container. Protect against sub-zero temperatures. Optimized storage temperature is between 2 °C up to 35 °C. The product is storable in closed original packaging for at least 12 months. Starting date is the date of production.

Storage class (acc. TRGS 510): 12

Disposal advices

The waste codes are recommendations based on the schedule use of this product. Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances.

Waste code acc. EWC/AVV for unused product
12 01 09* Halogen-free machining emulsions and solutions.

Waste code acc. EWC/AVV for packaging
15 01 02 plastic packaging

Contaminated packaging must be emptied of all residues and, following appropriate cleaning, may be sent to a recycling plant. Uncleaned packaging must be disposed of in the same manner as the medium.

Order information

A00111 1000 ml PET bottle – TU: 12 x 1000 ml (1 box)
A02011 20 l Jerry can
A12011 120 l Drum