

Technical Datasheet



Trade name : Corrosion Protection 100
Reviewed: 27.04.2023
Date of print : 27.04.2023

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Description

Corrosion Protection 100 is a low-foaming corrosion protection component for the use in Bio-Circle cleaning products, E-WELD protection spray, passivation, water treatment products and pressure water systems. Corrosion Protection 100 contains 100% of active ingredient and achieves its optimum effect in neutral and alkaline systems. Corrosion Protection 100 is completely water-soluble, free of secondary amines, mineral oil, nitrite, PTBB and does not contain 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]

none

Transport information

ADR : -

Water hazard class (Classification according to AwSV)

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 continuous 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-brown	Ignition temperature :	not relevant.
Odour :	sweetish	Upper explosion limit :	not relevant
Boiling temperature :	not measured	pH-value (5 Vol.-%):	ca. 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

The waste code for used product depends on the kind of contamination that were washed from spare parts and may be different to those stated here. 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