



Technical Information on Water Chemistry

Application:

EKOFACT® B500 is used as a broadband biocide in cooling circuits.

Chemical characterization (Substance class):

Biocide based in an aqueous solution with isothiazolone.

Label in accordance with Regulation (EC) No. 1272/2008:



Signal Word: DANGER

Physical and Chemical Properties:

EKOFACT® 500 is a highly effective broadband biocide against bacteria, fungi and yeasts.

Characteristics:

- Appearance: transparent, yellow liquid
- pH-Value: approx. 3-4 (at 20 °C)
- Density: approx. 1,02/cm³ (at 20 °C)
- Solubility: fully miscible in water
- Storage: see Safety Data Sheet, section: 7

Dosage:

The dosage depends on the contamination of the system and is usually between 50 mg/l and 400 mg/l. It may also happen that in very strong septic systems, the dosage is much higher. EKOFACT® 500 may be used only as a one-time-dosage, not continuously.

Analytics:

Can be detected with the determination of bioburden.

Environmental Practice:

EKOFACT® B500 is divided into naturally occurring substances and could be controlled discharged, after three hours, into the municipal sewer system. (Consultations with the local authorities are required!) EKOFACT® B500 normally relaxes automatically through this time. We prefer some conduct trials out on site for optimized results.

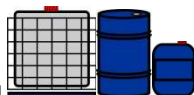
Storage/Expiry Date:

Store in cool, dry conditions in well-sealed receptacles. Protect from heat, direct sunlight and frost. Only in keep the original container or an approved alternative container, which was made from a compatible material. Do not store in unlabeled containers. Store away from pharmaceuticals, foodstuffs and animal feeds.

18 Month at the recommended storage temperature range: 5 °C to 35 °C (41 °F to 95 °F)

Packaging Types:

1.000kg IBC/200kg Drum/30kg Can



The information contained herein relates only to the named product. However, you can no longer apply if the product is used together with other materials or in any process. This information is based on the present state of our knowledge, however, offers no assurance of product properties and establishes no contract legal rights. Moreover, not to be considered, reliability and completeness is given. The user should satisfy themselves, that all statements are suitable and complete for its particular use. Date of issue: 1.1 from 31. January 2017 • EKOFACT® is a registered trademark of EKOF Mining & Water Solution GmbH • Our general terms of sale and delivery apply.

EKOFACT® B500

Broadband Biocide

For many years we are engaged intensely in the meaningful and sustainability use of biocides and specialty chemicals which affect the water balance and are thus able to determine the process which best suits your specific needs.

We will be pleased to make you an offer tailored to your needs.

Your contact partner:

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Always use biocides safely.

Read the Material Safety Data Sheet and Technical Data Sheet before use.

The Material Safety Data Sheets (MSDS) provide relevant and practical recommendations for the safe handling of biocidal products at work, transport and environmental protection. They also include information and data from which these recommendations are derived.



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