

Technical Information on Water Chemistry

Application:

EKOFACT® Mo-TK is used as a combination product in closed/semi-closed cooling systems, chilled water systems as well as in evaporative water systems.

Chemical characterization (Substance class):

Aqueous solution of molybdenum compounds with the addition of different inhibitors.

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



Signal Word: **DANGER**

Physical and Chemical Properties:

EKOFACT® Mo-TK is an excellent corrosion inhibitor for combined installations made of iron and non-ferrous metals. The protection effect is based on the formation of a thin protective layer on the metal surfaces, preventing access oxidizing substances. Furthermore, the product shows good dispersing properties. **Attention:** EKOFACT® Mo-TK has no scale inhibitive properties.

Characteristics:

- Appearance: transparent, amber liquid
- pH-Value: approx. 12 (at 20 °C)
- Density: approx. 1,2 g/cm³ (at 20 °C)
- Solubility: fully miscible in water
- Storage: see Safety Data Sheet, section: 7

Dosage:

3000 ppm undiluted.

Analytics:

Can be detected photo metrically or carried out as rapid test set.

Environmental Practice:

EKOFACT® Mo-TK can be controlled discharged into the municipal sewer system in compliance of use with the above described proper concentration. (Consultations with the local authorities are required!)

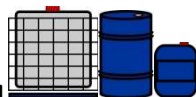
Storage/Expiry Date:

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.

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

Packaging Types:

1.150kg IBC/220kg 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 20. October 2016 • EKOFACT® is a registered trademark of EKOF Mining & Water Solution GmbH • Our general terms of sale and delivery apply.

EKOFACT® Mo-TK

Corrosion Inhibitor

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:

Thorsten Riepe

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Always use chemicals 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 our products at work, transport and environmental protection. They also include information and data from which these recommendations are derived.



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