

TC-AirEx

Highly effective wetting and deaerating agent with optimal defoaming action



Storage

The product must be stored in a frost-free environment. Product changes through frost are generally irreversible once thawed. When correctly stored in sealed original containers below 40°C the product can last for at least 6 months. At temperatures above 40°C product changes may occur. Protect from direct sunlight. Stir before use.

Further information about the safe use of the product can be found on our Safety Data Sheet!

The recommendations and information about our products given here in words and writing are based on extensive research work and represent our current experience in the textile finishing business. They are non-binding – including with regard to the intellectual property rights of third parties and foreign laws – and do not exempt users from testing the product and process themselves for suitability for their purposes. In particular we do not accept any liability for any purposes not expressly mentioned by us in writing. We reserve the right to make technical changes in the course of new product development. In the event of damage please refer to our General Terms and Conditions of Sales and Delivery, Item 7.

Properties and benefits of TC-AirEx

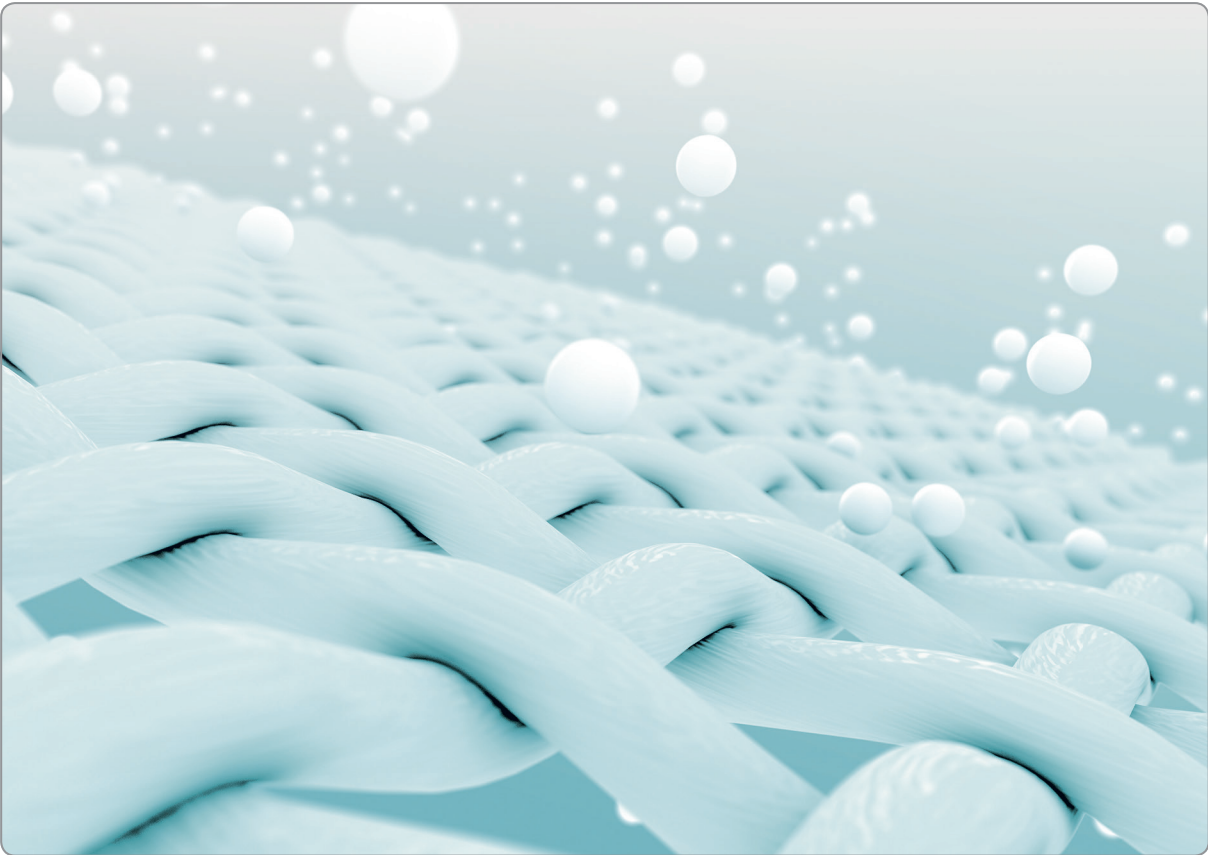
- ✓ Colourless, clear liquid
- ✓ Density approx. 0.92 g/cm³
- ✓ Can be diluted with cold water
- ✓ Outstanding deaerating, wetting and self-defoaming properties
- ✓ Accurate dosing
- ✓ Suitable for use with jets
- ✓ HT resistant
- ✓ Outstanding for use on cross bobbins
- ✓ Prevents any floating of the fabric
- ✓ Compatible with anionic, non-ionic and cationic products

Composition

Special blend of surface-active substances

Ionogenic characteristics

Nonionic



Anwendungsbereiche

TC-AirEx is noted for its outstanding deaerating, self-defoaming and wetting properties, regardless of the temperature of the process. These properties ensure particularly good liquor penetration, especially for all continual processes and dense materials, to produce a smooth, uniform and even appearance.

The use of TC-AirEx effectively eliminates undesirable air pockets, especially in the treatment of floc and winding reels. When it comes to the delicate yarn crossing points, TC-AirEx ensures good wetting, and even eliminates air pockets on the beam.

TC-AirEx is also outstanding for all short liquor ratio apparatus, jet dyeing machines and padding applications.

Application

TC-AirEx is diluted with around 2 to 3 times the quantity of cold water and then applied to the liquor.

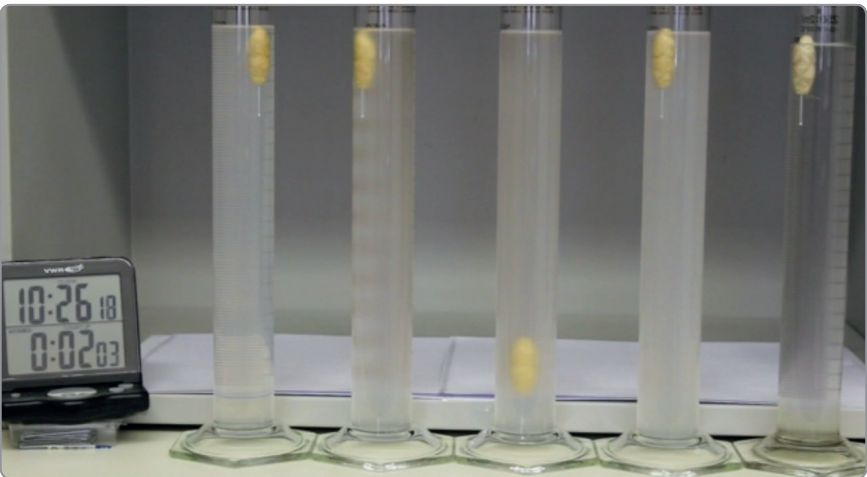
APPLICATION QUANTITIES:

Intermittent: 0.3 – 1.5 g/l TC-AirEx KA

Continuous: 1.0 – 5.0 g/l TC-AirEx KA

State-of-the-art technology

TC-AirEx was compared in laboratory tests using the sink test with cotton bobbins.



Common deaerators are shown from left to right with TC-AirEx in the middle. Conventional products require 7 minutes or more. TC-AirEx wets materials completely after just 2 minutes.

Conclusion

TC-AirEx is an outstanding wetting and deaerating agent with self-defoaming properties. It is compatible with common products in the usual application quantities. Through its self-defoaming and versatile effectiveness, it can be used on all aggregates with virtually no restrictions.

