

TECHNICAL LITERATURE

Siltex 30425/Skian FE

An effective iron-sequestering agent for use in bleaching and scouring baths.

Characteristics:

Appearance	: Clear slight yellowish liquid
Solubility	: Readily miscible with cold or warm water
pH value (10 % solution)	: 6.0 – 7.0
Resistance	: Resistant to strong alkalis up to pH 14 as well as oxidizing and reducing bleaching agents; Compatible with anionic and non-ionic products
Storage	: at least 12 months if properly stored

Applications properties

- Excellent iron and copper binding capacity
- Reduce danger of catalyst damage on cotton during hydrogen peroxide bleaching.
- Binding of adverse iron ions in the process water
- Applicable in washing, bleaching and scouring process
- Readily biodegradable

Applications fields

Siltex 30425/Skian FE should be applied in textile treatment baths whenever high iron content may have a negative influence on the bleaching results. The iron ions, which can originate from the textile goods as well as from the water are rendered inactive by Siltex 30425/Skian FE

Siltex 30425/Skian FE is resistant to hydrolysis and is predominantly used in scouring and bleaching operations.

Guidelines for application:

For alkaline scouring and bleaching processes we recommended to apply

1.0 – 4.0 g/l Siltex 30425/Skian FE

Depending on the level of heavy metal contamination.

NOTE: The information in this publication is believed to be accurate and is given in good faith; its purpose is to help our customers but do not imply any engagement on our part.