

QUICK-QUEST SEFE LIQUID

COMPOSITION Preparation of alkyl phosphonate, organic and inorganic salts, anionic

USES Organic complexing agent for the sequestration of hardness salts and process-disturbing metal ions in the acid demineralising stage

PROPERTIES

- Very high calcium and magnesium binding capacity
- Very high iron binding capacity
- Good dispersing capacity
- Easily rinsed out
- Low foaming
- Prevents corrosion on metal parts of substrate

TECHNICAL DATA

- Clear, yellowish liquid
- Specific gravity at 20 °C ca. 1.17
- pH value ca. 2.5-3.5 (10 g/l solution)
- Readily soluble at 20 °C

APPLICATION **QUICK-QUEST SEFE** is applied in the entire textile finishing industry whenever disturbing metal ions are to be rendered ineffective.

QUICK-QUEST SEFE has an excellent Complexing capacity in the entire pH range, independent of the temperature. Together with alkaline earth and heavy metal ions it forms stable complexes both in the acid and in the strongly alkaline pH range.

QUICK-QUEST SEFE is used in the textile pretreatment stage for the demineralization of CO goods, especially on continuous ranges. Usually, the following recipe is used:

2 - 3 g/l **QUICK-QUEST SEFE**
pH value ca. 2 - 3
Temperature 30 - 50 °C

Depending on the construction of the machine this process can be performed in the bleaching J-box connected in series, or the demineralization process can alternatively be carried out on a conveyor belt. Here, dwell times of ca. 2 min are sufficient to bind the process-disturbing metal ions. This is followed by rinsing and bleaching as usual.

STORAGE If stored below 0°C, the product may solidify and/or change its consistency. After heating to 20 - 25°C and thorough mixing, the product can be used again without any problems.

ATTENTION The above recommendations are based on comprehensive studies and experience made in practical finishing. They are, however, without liability regarding property rights of third parties and foreign laws. The user should test for himself whether the product and the application are suited for his very special purposes.

We are, above all, not liable for fields and methods of application which have not been put down by us in writing.

Advice for marking regulations and protective measures can be taken from the respective safety data sheet.