

EFFICIENT DEMINERALIZATION AGENT BIOQUEST 540

FOR THE ACID DESIZING/
DEMINERALIZATION BEFORE BLEACHING
WITH HYDROGEN PEROXIDE



YOUR FINISHING
CHEMICAL EXPERTS

KEY FEATURES & BENEFITS

- » highly efficient and versatile
- » ensures no silicate build-up on machine parts and the fabric free of silicate deposits
- » prevents corrosion and removes oxide and silicate deposits, incrustations in units, pipelines etc.
- » in the hydrogen peroxide bleach the developing molecular decomposition products of the cellulose are made soluble by complexion
- » in rinsing processes, with very low dosage of BIOQUEST 540, very good effects can be achieved as the product also has complexing properties at the lower stoichiometric ratio (Threshold-effect)
- » cleans material, producing a high degree of whiteness
- » in dyeing and printing BIOQUEST 540 prevents shade problems and gives good rubbing fastnesses



prevents corrosion
and silicate build-up
on machine parts



excellent effects
by very low dosage



high degree
of whiteness



prevents shade
problems



excellent resistance
to chemicals



useable in all
pH ranges



prevents
bronzing

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bluesign®

SYSTEM
PARTNER

Universal
sequestering
agent

BIOQUEST 540

STRONG UNIVERSAL SEQUESTERING AGENT FOR ALKALINE EARTH AND HEAVY METAL

ABOUT BIOQUEST 540

- » excellent resistance to chemicals and can therefore be applied in reductive as well as oxidative baths.
- » used in all pH ranges and quickly stabilize water containing alkaline earth and heavy metal ions.
- » can form complexes with bi-valent and tri-valent metal ions e.g. ferrous and ferric ions, stable across the pH from 1 to more than 14
- » forms water soluble complexes during kier-boiling and bleaching, with no precipitation or deposit of metal hydroxides on the fabric.
- » prevents bronzing when dyeing with sulphur dyes.
- » reduces pin hole problems, due to good extraction of problem materials from the textile material, before bleaching with hydrogen peroxide

**Efficient multipurpose
complexing agent.**

**The product complexes
hardness builders and removes
incrustations which occur due
to the hardness of water
and/or due to the hardness
of the cotton fibre.**

**BIOQUEST 540 works
in presence of sodium silicate
if necessary.**

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