

# ZETESAL NS

## Sequestering and aftersoaping agent for reactive dyeings

### Chemical composition

polyacrylate

### Characteristics

Appearance:	clear, colourless up to yellowish liquid
Ionicity:	anionic
Solubility/Emulsifiability:	readily soluble in water in all proportions
pH-value:	7 to 9
Resistance:	resistant to acids and alkalis in usual concentrations as well as to hard water; compatible with anionic and non-ionic products; not stable in acid reduction liquors
Storage:	12 months if properly stored
Stability to frost:	not sensitive to frost

### Application properties

- very good sequestering of water hardness elements and heavy metals
- dispersing
- protective colloid
- facilitates detaching of the non-fixed dyestuff and prevents its redeposition
- improves fastness properties
- no influence on the touch
- liquid
- free of foaming
- protective colloid for silicate
- no demetallising of metal-containing dyestuffs even when higher quantities are applied
- no eutrophication effect
- GOTS 5.0 approved additive

### Application fields

ZETESAL NS is mainly used for aftersoaping of reactive dyeings and printings. It is also possible to add ZETESAL NS to the dyebath.

### Guidelines for application

#### Soaping of reactive dyeings:

ZETESAL NS can be added to the soaping bath either diluted or undiluted. For dilution, ZETESAL NS is mixed with cold or warm water.

The above results have been obtained from trials in our laboratory and plant. In the light of changing conditions they can serve only as a guide and are therefore offered without obligation. We ask you to observe the possible rights of third parties.

## ZETESAL NS

**Recommended quantities for soaping: 0.5 - 2.0 g/l ZETESAL NS**

### For addition to dyebaths:

In dyebaths, ZETESAL NS prevents the formation of dyestuff agglomerates and the redeposition of dyestuff hydrolysate on the textile goods. Additionally, ZETESAL NS improves the dyeing conditions with regard to water hardness and dispersing of the dyes.

ZETESAL NS can be applied in dyeing processes without any restrictions since it has no demetallising effect on dyestuffs, has no influence on the light fastness of a dyeing and has no retarding effect.

**Recommended quantities for use in dyebaths: 0.5 - 2.0 g/l ZETESAL NS**

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