

GOLDQUEST NS

Dispersing agent of hardness salt and auxiliary in dye solubilization.

Application area:

- In distarch enzymatic or oxidative.
- Pre-treatment and bleaching of articles with fibres of cellulose, animal, synthetic and its mixtures, and in pre-bleaching of articles with fibres of cellulose and animal.
- Continuous, semicontinuous and discontinuous processes.
- Mercerization bath.
- Dyeing with direct dyes, reactive, vat, sulphur, acid and dispersed.
- Washing after bleaching process, dyeing and stamping with reactive dyes, in equipment with strong bath agitation and continuous washing machines.

Characteristics:

- Goldquest NS disperses hardness salt forming a resistant dispersion for equipments with strong agitation of bath and long duration processes. It can be used for dyeing of polyester in high temperature.
- Improvement the dyes solubility that present difficulty to become fluid themselves, improving the coloristic income of dyeing.
- It assures better igualization and income of dyeing with reactive dyes hardness sensitive.
- It facilitates the removal of reactive dyes hydrolysed in the washing after the dyeing and stamping.
- It does not present foam formation.
- It protects the machinery against inlay formation proceeding from inorganic salt deposits.
- It removes inlay of dirty machinery with these precipitated.

Physicochemical properties:

Appearance	Chestnut transparent liquid.
Chemical Nature	Alkyl polyglycol ether.
Ionic Character	No ionic
Solubility	Soluble to 25°C under agitation.
No volatile content (%)	28,5 - 31,5
pH (sol. 10% p/p, 25°C)	6.0 - 7.0
Compatibility	Compatible with anionic and not ionic products. It precipitates with cationic products, however it is recommendable to test previously.
Stability in Application	<ul style="list-style-type: none">- Stable in cold alkaline bath (until 35°Bé of NaOH).- Stable in hot alkaline bath (until 35°Bé of NaOH).- Stable in saline bath, and stable in acid bath until pH 1,0.
Stability in Storage	In original packing closed and normal conditions of storage it is stable for 6 months.

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Application:

Distarch enzymatic or oxidative processes:	0,1 to 1,0 g/l of Goldquest NS.
Processes of pre-treatment and pre-bleaching:	0,1 to 1,0 g/l of Goldquest NS.
Mercerization bath:	0,5 to 1,5 g/l of Goldquest NS.
Dyeing with direct dyes and reactive:	It is indicated that its addition is effected in dissolution of the same ones, and the amounts in band of 0,1 to 1,0 gl of Goldquest NS, calculated on the total volume of bath.
Hardness of water correction:	0,12 to 0,15g Goldquest NS for German hardness degree.

Security in the manipulation:

Data security, ecological and toxicological see safety data sheet (MSDS).

Note: Given the variety of substrates and processes applications, the information here provided with fidelity, should be understood as a tool for guidance, therefore we cannot be responsible for any damages resulting from in appropriate use. The data contained in this bulletin are based on current knowledge and current applications of our products performed. Additional information may be obtained from our technical department.
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