

NASOGAL NQ

Dispersing - leveling agent for dyeing of polyester and polyamide

Appearance	: brown viscous liquid
Ionic activity	: Nonionic- anionic
pH	: 7 - 8
Density	: 0.9

Chemical character

NASOGAL NQ is a blend of an ethoxylated ester of fatty acid and dispersing .

General Properties

- 1 - Retards up-take of disperse dyes onto synthetic fibers and their blends e.g. polyamide, polyester, cotton / polyester .
- 2 - Gives excellent leveling properties to disperse dyes up to 130- 140°C.
- 3 - Stable at temperatures and hence can be used for dyeing of polyester fibers under pressure , e.g. up to 140°C.
- 4 - Being nonionic dose not interfere with the dye bath additives, e.g. carriers, anionic dispersing agents, lubricants, scour/dye auxiliaries .
- 5 - Easily dissolved in water .
- 6 - Low foaming and suitable for use in jet dyeing machines .

Application

NASOGAL NQ is used to best advantage in the dye bath to retard the up-take of the disperse dyestuffs and to provide dispersing and migration action :

1- At High Temperature

When NASOGAL NQ is applied, particularly in beam and package dyeing of polyester fabric and yarn, in the dye bath along with other dye bath additives, an improvement in inside/outside levelness is achieved. A typical recipe for dyeing textures polyester or polyester/cotton yarn on package is given below :

0.5 -1.5 g/l	NASOGAL NQ
X g/l	buffer (to pH 4.5 - 5.0)
X %	Dyestuffs

2 -Under Atmospheric conditions

With carrier For dyeing of polyester fabric and yarn, 0.5 - 1.5 g/l

will be sufficient to give excellent leveling action .

Packages

NASOGAL NQ is supplied in approx. . 125 kilo free drums.

Handling Precautions

The usual precautions in handling chemical should be observed, and it is recommended that operatives should wear goggles when handling the concentration product.

Any contact with the skin or eyes should be washed immediately with copious amounts of cold water.

Please stir well before use.

Keep @ temperature max. 40°C.