

## NASOGAL PE CONC

**Dispersing - leveling agent for dyeing of polyester and polyamide**

<b>Appearance</b>	: yellow viscous liquid
<b>Ionic activity</b>	: Nonionic
<b>pH</b>	: 7 - 8
<b>Density</b>	: 0.9

### **Chemical character**

NASOGAL PE CONC is a blend of an ethoxylated ester of fatty acid .

### **General Properties**

- 1 - Retards up-take of disperse dyes onto synthetic fibers and their blends e.g. polyamide, polyester, acrylics, 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 does 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 PE 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 PE CONC 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 :

0.25 -1 g/l	NASOGAL PE CONC
0.2 g/l	Acetic acid ( to pH 4.5 - 5.0 )
X %	Dyestuffs

## **2 -Under Atmospheric conditions**

For dyeing of polyester fabric and yarn, 0.25 - 1.0 g/l

will be sufficient to give excellent leveling action .

### **Packages**

NASOGAL PE CONC is supplied in approx. 125 kilo 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.**