

PRODUCT - LAP / LF

Product LAP / LF is a nonionic / anionic dispersing / retarding agent for application of disperse dyes to synthetic fibers , yarns and fabrics .

Appearance :Brown liquid
Ionic activity :Nonionic /anionic
pH : 8 - 9

Chemical character

Product LAP / LF is a blend of an ethoxylated oil and anionic substances .

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 dispersing properties to disperse dyes up to 130- 140°C.
- 3 - Is 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 - Can be used to correct faulty dyeing by subjecting the unlevel material to a “fresh bath “ treatment with product LAP/LF new .
- 6 - Is easily dissolved in warm water .
- 7 - Is low foaming and suitable for use in jet dyeing machines .

Application

Product LAP/LF 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 **product LAP/LF** 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 :

1.0 -2.0 g/1	Product LAP/LF
X %	buffer (to pH 4.5 - 5.0)
X %	Dyestuffs

The dyeing is carried out at 130-140°C . In cases where improved dispersing properties are required 0.5 - 1.0 g/1 Dispersant NS can be added .

2 -Under Atmospheric conditions

For dyeing of cellulose acetate and triacetate, polyamide and acrylic fibers under atmospheric conditions, 0.5 - 1.0 g/1 will be sufficient to give excellent dispersing and leveling action .

Packages

Product LAP/LF is supplied in approx. . 120 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.

