

780551 Tinuvin JUN HC, Surfactant

Pretreatment for Textiles

Uses:

- Scouring of all kinds of fibers at all stages of processing.
- Washing and wetting in all processing stages.
- Preventing lime soap deposits
- Emulsifying greases and oils.

Characteristics	Benefits
EPEO-free	Environmental sound product
Liquid formulation	Easy to handle and dispense
Outstanding chemical stability and compatibility with enzymatic desizing agents	Versatile application, simplifying recipes and reducing storekeeping.
Strong detergency	Clean textiles goods are obtained through a good emulsifying and removal of greasy and oily impurities.
Good wetting power	Quick, even and regular pick-up of the chemical bath for highest effects and reproducibility

Properties

Chemical constitution:	Alkyl ethoxylate
Ionic character:	Non-ionic
pH (10 g/l at 25°C)	about 7
Specific gravity (25°C)	about 1
Physical form:	clear, colorless to yellowish liquid
Storage stability:	stable for 1 year when properly stored in closed containers at 20°C
Stability to alkali:	50 g/l NaOH 100%
Viscosity (Rheomat 180, 21°C):	about 150 mPa.s
Conductivity (tel qu el, 20°C):	about 7 µS/cm

Ecology / toxicology:

The usual hygiene and safety rules for handling chemicals should be observed in storage, handling and use. The product must not be swallowed.

Applications

Dissolving/diluting

Readily miscible with water in all proportions. Above 60°C, turbidity increases with the temperature.

Required amount

Liquor ratio	Tinuvin JUN HC
1:1	1 – 3 g/l
Up to 10:1	0.5 – 1.5 g/l
Above 10:1	0.25 – 1 g/l

Uses and effects

Aftersoaping	For fast dyeings and prints on open-width washing mashines, etc.	Dispersing	Levelling, wetting, stabilizing vats to prevent flocculation.
Bleaching	Wetting agent in the chlorite, hypochlorite and peroxide bleach and in reduction bleaching in wool and polyamide.	Emulsifying	For fine, stable, easy-to-wash-out emulsions of solvents, wool oils and spinning lubricants.
Boiling out grey-state cotton	Leaves the goods highly absorbent.	Milling	Speeds up the milling process, facilitates scouring and washing out lubricants.
Carbonizing	Promotes rapid, uniform wetting of the vegetable constituents by the carbonizing acid.	Prescouring	For washing out lubricants and spinning oils, and prewashing all kinds of yarn and piece goods.
Crabbing	Wets the goods and prevents fixation of impurities.	Scouring	Suitable for addition to neutral, alkaline and acid scouring liquors at all stages of processing.
Desizing	Helps size removal, does not impair the action of enzymes.	Sizing	Imparts good wetting action to size liquors, promotes good penetration of yarns.
Dispersing	Stabilizes dye dispersions, prevents lime soap deposits.		

Notes

Residual amounts of Tinuvin JUN HC surfactant on the goods can impair the effectiveness of OPP carriers, particularly in the presence of polyphosphates.

Because of its rewetting action, Tinuvin JUN HC surfactant is unsuitable for goods which are later to be given a water-repellent finish.