

## 78055 Tinovetin® JUN

Pretreatment for Textiles.

Chemical Constitution: Alkyl ethoxylate

### Properties

Physical form	Clear, colorless to yellowish liquid
Ionic character	nonionic
pH (10 g/l at 25°C)	about 7
Specific gravity (25°C)	about 1
Viscosity (Rheomat 180, 21°C)	< 100 mPas
Conductivity (tel quell, 21°C)	about 480 µs/cm
Stability to alkali	50 g/l NaOH 100 %

Storage Stability: Stable for 1 year when properly stored in closed containers at 20°C

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.

### Uses

Scouring 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
APEO 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 textile 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.
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## Applications

Dissolving / diluting:

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

Required amount:

Liquor ratio:	Tinovetin® JUN
1 : 1	4 – 12 g/l
up to 10:1	2 – 6 g/l
above 10:1	1 – 4 g/l

Uses and effects:

Aftersoaping	for fast dyeings and prints on open-width washing machines, etc.	Dyeing	levelling, wetting, stabilizing vats to prevent flocculation.
Bleaching:	wetting agent in the chlorite, hydrochlorite and peroxide bleach and in reduction of 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 Tinovetin® JUN surfactant on the goods can impair the effectiveness of OPP carriers, particularly in the presence of polyphosphates.



**PIGMENTE**

Because of its rewetting action, Tinovetin® JUN surfactant is unsuitable for goods which are later to be given a water-repellant finish.