



Gammacolor s.r.l.
Via Zeuner, 5 20822 Seveso (MB) Italy
tel. +39 0362550550 fax +39 0362551915
email info@gammacolorsrl.com



Associazione Tessile e Salute
Azienda associata

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GAMMAPON BC-T

Biodegradable solvent-based detergent for textile substrate preparation

Technical characteristics

- Chemical composition: balanced blend of solvents combined with detergent, wetting, and dispersing agents
- Appearance: clear straw-yellow liquid
- Ionic character: anionic
- Water solubility: good
- Shelf life: 24 months

Field of application

GAMMAPON BC-T is a next-generation solvent-based scouring agent that combines high solvent/degreasing efficiency with excellent biodegradability and the complete absence of halogenated derivatives.

During textile fibre preparation prior to dyeing, the use of GAMMAPON BC-T ensures excellent removal of fatty impurities, both natural greases and machine oils/lubricants derived from spinning or weaving operations.

GAMMAPON BC-T also provides outstanding results in the removal of silicone oils from elastomeric or stretch fabrics.

Application method

Cold storage scouring (bleaching preparation):

Use 5–10 g/L GAMMAPON BC-T

Dyeing of raw cotton (packages or hanks):

Use 2 g/L GAMMAPON BC-T

Carry out pretreatment at 40–50 °C for 15–20 minutes

Washing / boiling-off (purging):

- Discontinuous process: 1–2 g/L GAMMAPON BC-T
- Continuous process (e.g., 5-bath range):
 - 1st bath: 1–2 g/L GAMMAPON BC-T
 - 2nd bath: 1–2 g/L GAMMAPON BC-T
 - 3rd bath: 0.5–1 g/L GAMMAPON BC-T
 - 4th bath: rinse
 - 5th bath: rinse

Keywords: solvent-based detergent, wetting agent, dispersing agent, scouring, biodegradable, fibre preparation

Keywords: detergent, oil remover, washing, emulsifier, scouring, stains, stain remover, bleach, tops, emulsifier
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For information: email info@gammacolorsrl.com