



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

p.IVA 00736390964 C.F. 02639210158 c.c.i.a. Milano n. 927455 Codice ISS azienda 00736390964

## **GAMMAPON 195/LC**

*Detergent removes spinning oils, oil stains, and grease*

### **CHEMICAL-PHYSICAL CHARACTERISTICS**

Appearance: Straw-yellow liquid

Chemical composition: Mixture of ethoxylated fatty alcohol and hydrocarbon

Ionic charge: Non-ionic

Compatibility with anionic, cationic, and non-ionic products

Behavior in water: Miscible in any ratio

pH 10% solution: ~ 7

Stability: Stable in hard water up to 30°DH, stable in caustic soda up to 8-10°Bé

Shelf life: Good under normal environmental conditions

### **PROPERTIES:**

GAMMAPON 195/LC is a highly effective detergent for washing, scouring, stain removal, and bleaching tops, yarns, and fabrics of any fiber.

Given its low foaming power, it is well suited for use on machines with a certain mechanical action, such as continuous scouring and bleaching machines, overflow machines, and jiggers.

GAMMAPON 195/LC offers:

- High detergent power
- Good stability in alkaline solutions up to 10° Bé
- Resistance to bleaching baths prepared with hydrogen peroxide
- Emulsifies and dissolves difficult-to-remove oil stains
- Contains no chlorinated solvents and has a light citrus odor
- Low foaming

### **Solution Preparation**

They are prepared by simply diluting the product in water at room temperature or warm (40-45°C). Stock solutions at 5-10% are stable by stasis and remain fluid.

We recommend adding GAMMAPON 195/LC at 60°C, not cold, as lower temperatures can lead to critical foaming conditions, given the strong bath turbulence that can occur in some machines.

#### **1. Wetting – desizing – washing, etc.**

Jiggers, reel mills, bath circulation machines:

1-1.5 g/l of GAMMAPON 195/LC

#### **2. Scouring on continuous machines**

Manufacturers are known to increase machine washing efficiency through mechanical action. Hence the need for a product with maximum cleaning action but low foaming. GAMMAPON 195/LC concentrations range from 3 to 8 g/l.



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### **3 Continuous bleaching of 100% cotton fabric**

Impregnation of wet, previously desizing-treated raw fabric

60-80 cc/l Hydrogen peroxide 130V

30-40 g/l Caustic soda 36°Bè

10-12 g/l H<sub>2</sub>O<sub>2</sub> stabilizer

2-5 g/l Gammapon 195/LC

Squeezing effect = 100%, followed by steaming and hot and cold washes.

### **4 Scouring and bleaching on 100% cotton overflow**

4-6 cc/l hydrogen peroxide 130V

3-4 g/l caustic soda 36°Bè

1-1.5 g/l H<sub>2</sub>O<sub>2</sub> stabilizer

1-1.5 g/l GAMMAPON 195/LC

Treatment at 98°C for 30-40 minutes. B.R. ratio 1:10, followed by hot and cold rinsing and neutralization.

### **5 Dyeing PES and/or PES/Cotton in medium and dark shades**

PES and PES/Cotton items, even those stained with oil and/or grease, can be dyed without prior scouring, in medium and dark shades.

Depending on the machine and the type of item being treated, proceed with:

0.8 - 1.5 g/l of GAMMAPON 195/LC

Let it run for five minutes, then add the other auxiliaries and the colorant, heat to 130°C, hold the temperature for about 30 minutes, cool to 95°C, drain, and rinse.

Keywords: detergent, oil remover, washing, emulsifier, scouring, stains, stain remover, bleach, tops, emulsifier

The data provided is the result of careful studies and/or experience gained; however, it should be considered indicative and, in any case, we do not guarantee its use.

The data contained in this data sheet is not intended to be specific.

For information: email info@gammacolorsrl.com