

# BIOCHLOR

---

## **MEDICAL AND SURGICAL DEVICES** **Registration with the Health Ministry no. 19916**

### **SPECIFICATIONS**

Concentrated disinfecting solution titrated in free Chlorine, destined for the disinfection of positive Gram and negative Gram bacteria including *Legionella spp.* in domestic water circuits, cooling towers and the food industry, animal fodder and agricultural animal husbandry.

### **APPLICATION AREA**

- Disinfection of surfaces and piping in domestic hot water systems and cooling towers to prevent contamination from positive Gram and negative Gram bacteria including *Legionella specium*.
- Disinfection of the surfaces or piping water systems used for the production, distribution, transport, conservation and consumption of food, animal fodder and drinks to prevent contamination from positive Gram and negative Gram bacteria including *Legionella spp.*
- Chlorine covering of hot domestic water and cooling tower circuits.

### **INSTRUCTIONS FOR USE AND DOSES**

#### **DISINFECTION OF SURFACES AND PIPING IN DOMESTIC HOT WATER SYSTEMS AND COOLING TOWERS TO PREVENT CONTAMINATION FROM POSITIVE GRAM AND NEGATIVE GRAM BACTERIA INCLUDING *Legionella specium*.**

Dose the product using a specific dispenser within the reason of 33.5 litres per cubic metre of water (equal to 1,000 ppm of active free chlorine).

Distribute it in the storage cisterns and plants, in domestic circuits via the activation of a recycling and/or flushing system using dispensers (taps, showers).

Leave to take effect for at least 15 minutes then rinse with plenty of drinking water until you eliminate any remaining disinfectant (free residual chlorine < 0.2 ppm).

#### **DISINFECTION OF THE WATER CIRCUITS IN DOMESTIC HOT WATER AND COOLING TOWERS TO PREVENT CONTAMINATION FROM *Legionella Specium*.**

For the control of *Legionella spp.*, dose the product using a specific dispenser within the reason of 1.75 litres per cubic metre of water (equal to 50 ppm of active free chlorine).

Distribute in domestic circuits via the activation of a recycling and/or flushing system using dispensers (taps, showers).

Leave to take effect for 60 minutes then rinse the system with plenty of drinking water until you eliminate any remaining disinfectant (free residual chlorine < 0.2 ppm).

**DISINFECTION OF STORAGE AND DISTRIBUTION SYSTEMS OF WATER IN THE FOOD INDUSTRY, ANIMAL FODDER, AGRICULTURAL ANIMAL HUSBANDRY TO PREVENT CONTAMINATION FROM POSITIVE GRAM AND NEGATIVE GRAM BACTERIA INCLUDING Legionella Specium.**

Dose the product using a specific dispenser within the reason of 33.5 litres per cubic metre of water (equal to 1,000 ppm of active free chlorine).

Distribute the solution in the storage cisterns and systems, leave to take effect for at least 15 minutes then rinse with plenty of drinking water until you eliminate any remaining disinfectant (free residual chlorine < 0.2 ppm).

**WE RECOMMEND YOU USE THE PRODUCT AFTER DESCALING. USE OF THE PRODUCT MAY CAUSE CORROSION IN THE SYSTEMS.**

**WE RECOMMEND YOU WARN THAT THERE IS A CHLORINE TREATMENT IN PROGRESS DISINFECT WHEN THE SYSTEM IS OFF AND RINSE WITH PLENTY OF DRINKING WATER (WITHOUT FREE RESIDUAL CHLORINE <0.2 PPM CHLORINE COVERING) BEFORE RE-ACTIVATING THE SYSTEM.**

**COMPOSITION:**

100 ml of BIOCHLOR contains:  
Free chlorine: 3.000 mg  
Co-formulants enough for 100ml

**PHYSICAL-CHEMICAL CHARACTERISTICS:**

Yellowy clear liquid appearance  
Slight smell of chlorine  
Fully dissolvable in water  
pH of the product as it is > 11.5  
Specific weight at 25 °c 1.11 +/- 0.03 kg/l

**PACKAGE:**

10 litre vat.