

## Solution for Water Treatment & Disinfection

SCHEDA TECNICA N° 860202010PP

### BIOALPHA BIO-CONDITIONER FOR WATER SYSTEMS

#### SPECIFICATIONS:

**BIOALPHA** is a bio-conditioner for water systems designed to deal with the various problems linked to the daily use of water systems; due to the presence of biofilm in the accumulations, re-circulations and piping, the reduction of energetic efficiency, danger from biological contamination are only some of the problems linked to the running of a system.

**Barchemicals** has designed this product for two ranges of treatment:

- Continuous treatment for the water in order to keep the deposition of inorganic material in the circuits under control.
- Impact treatments aimed at eliminating the filmogenous organic deposits.

**BIOALPHA** stands apart for its non corrosiveness and contains active substances listed as GRAS (Generally Recognised as Safe) by the United States FDA.

#### USE AND DOSES:

- For the continuous bio-conditioning treatment (domestic, industrial circuits and fruit and vegetable washing systems) it is essential that 100 ml of **BIOALPHA** every m<sup>3</sup> of water, circulates via the specific dispenser.
- For the bio-conditioning impact treatment it is essential that 5 litres of **BIOALPHA** per m<sup>3</sup> of water, circulates for at least 60 minutes.

- For a **LONG FLOWING EFFECT**, disinfecting and peroxidation treatment of the biofilm in the hydraulic system, it is essential that 2 litres per m<sup>3</sup> of **BIODUE** water and 5 litres per m<sup>3</sup> of **BIOALPHA** water per 120 minutes circulate simultaneously in the "SMART SYSTEM CONTROLLER" device. Rinse with fresh water until the oxide agent disappears before re-activating the hydraulic circuit.

#### PHYSICAL-CHEMICAL CHARACTERISTICS:

Appearance : clear liquid slightly viscous and colourless  
Fully dissolvable in water  
pH of the product as it is 1 - 2  
Specific weight at 25 °c 1.12 +/- 0.02 kg/l

#### COMPOSITION:

1000 ml of **BIOALPHA** contains:

Alpha- hydroxy acids: 300 grams  
Thickeners  
Purified water as much as required at 1000ml

#### PACKAGE:

10 litre vat.



Emergency Number: +39 335 6109383

Registered Office: Via S. Allende, 14 - 41051 Castelnovo Rangone (MO) - Italy  
Phone 0039 59 536502 - Fax 0039 59 536742 e-mail : [info@barchemicals.it](mailto:info@barchemicals.it) - <http://www.barchemicals.it>  
Certification UNI EN ISO 9001 - CERT. N° 4247 Certification UNI EN ISO 14001 - CERT. N° 6388