

# Technical Information

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derypol

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## Hyfloc NF600

Product for water treatments

### DESCRIPTION

**Compound of metallic salts and organic substances with optimized coagulant action thanks to its amorphous nanostructure.**

Can be diluted in water in different proportions.

### CHARACTERISTICS

Type of product	: Aqueous solution
Appearance	: Green viscous liquid
Ionic character	: Cationic
Density	: 1.18 – 1.28 g/cm <sup>3</sup>
pH	: < 2
Viscosity	: ≤ 500 cP
Shelf life	: We recommend not keeping the product more than 12 months

*Note: The parameters indicated here are not necessarily the specifications of the product. These will be agreed with each customer and will be part of the contract that must be respected for each batch supplied.*

## APPLICATION

- Coagulant for the treatment of water and sludge from different sectors, although it is especially indicated for the treatment of biological liquors.
- As a guide, it is recommended to work with doses within the range of 10 to 25 g/cm<sup>3</sup>.
- The product is generally dosed pure, although in some cases for optimal performance it can be previously diluted with water. This dilution can be done at any concentration and with an in-line mixer, a tank with an agitator is not necessary. The dilutions should be consumed no later than 1 week from their preparation, although this will be conditioned by the quality of water used.
- Consult our technical staff in case of any doubt.

## BENEFITS

- It may replace, totally or partially, exclusively inorganic coagulants.
- Improves water clarification, helps reduce phosphorus, sulfides and COD of produced water.
- Effective in a wide range of pH.
- It favors rapid sedimentation of sludge, which has greater compaction and resistance.

## STORAGE AND DISTRIBUTION

- The product should be kept in a covered place, the container tightly closed, protected from sunlight and within the temperature range recommended in Section 7 of the Safety Data Sheet.
- Once the container is open, avoid contamination. Check the Material Safety Data Sheet.
- Take the habitual precautions when handling a chemical product. Avoid the product to contact with the eyes, skin or clothes.
- There is a great variety of containers. Check with our Customer Service in order to choose the most convenient one.

## REGULATORY

Consult our technical staff in case of any doubt.