

Technical Information

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Hyfloc MC033

Product for water treatments

DESCRIPTION

Water treatment flocculant where a low cationic charge is needed

Its main ingredients are: polymer, salts and water.

The product is free of organic compounds (VOCs).

CHARACTERISTICS

Type of product	: Functionalized anionic polymer in aqueous solution.
Appearance	: Colourless transparent liquid
Ionic character	: Anionic
Density	: 1.01 – 1.03 g/cm ³
pH	: 5 – 8
Viscosity	: < 200 cP
Percent Solids	: 27 – 30 %
Shelf life	: We recommend not keeping the product for more than 3 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

- Boron sequestering agent that allows to reduce up to 40% of the boron content in wastewater.
- The product forms a complex with boron that is easily coagulable with the subsequent action of a coagulant and/or pH adjustment.
- Very useful in industries such as ceramics, or in any other type of industry where boron is used in the process.
- The product is usually added as the first reagent, before the addition of the coagulant. It is recommended to carry out laboratory tests to confirm this option, or find another that offers better results.
- It is usually used in combination with other common coagulants in water treatment, such as: alumina sulfate, aluminum polychloride, ferric chloride, polyamine, lime, etc,
- The product is a blend whose components are dissolved in water. It can be diluted with water in any proportion.
- In order to optimize the performance of the product, it is recommended that after the point of addition there be vigorous agitation to ensure effective mixing with the effluent to be treated.
- Consult our technical staff in case of any doubt.

BENEFITS

- It allows a significant reduction of boron in an effluent; on many occasions without altering the pre-existing physical-chemical treatment.
- It improves the quality of treated water, and thereby helps to comply with environmental regulations, being able to manage discharge more effectively and economically.

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.