

Technical Information

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derypol

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HYFLOC C410

Product for water treatments

DESCRIPTION

Cationic polymer in aqueous solution (polyamine).

Can be diluted in water in different proportions.

CHARACTERISTICS

Type of product	: Aqueous solution
Appearance	: Colourless to yellowish liquid
Ionic character	: Cationic
Density	: 1.14 - 1.19 g/cm ³
pH	: 2.5 - 6
Viscosity	: 400 - 1500 cP
Percent Solids	: 49 - 52 %
Shelf life	: We recommend not keeping the product for 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

- The product is usually dosed as it is, although in some cases for optimum performance may be previously diluted with water. This dilution can be made at any concentration and with a inline mixer, a tank with a stirrer is not necessary.
- Coagulant for wastewater and sludge treatments from different areas (food industry, slaughterhouse, chemical industry, metalurgic, paint, etc).
- Polyamines are products sensitive to oxidation side-reactions of the polymeric ending groups. The main factors for this phenomenon are exposure to sunlight, temperature and time of storage. It provokes the change of color, but no matter how intense this process is it will not affect the product performance.

Consult our technical staff in case of any doubt.

BENEFITS

- It may replace, totally or partially, exclusively inorganic coagulants.
- Improves the water clarification.
- Effective in a wide range of pH without modifying it.
- It may act as a discolouring agent in aqueous effluents with dyes.
- In comparison with inorganic coagulants, it uses to work at lower dosage while producing a lower percentage of sludges, implying thus, less volume to treat, to transport and to bring to dump.

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 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.