

# Technical Information

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# derypol

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## Hygreen GT27

Product for water treatments

### DESCRIPTION

**Cationic polymer in aqueous solution from vegetable sources.**

Can be diluted in water in different proportions.

### CHARACTERISTICS

Type of product	: Polymer in aqueous solution
Appearance	: Dark brown liquid
Ionic character	: Cationic
Density	: 1.08 – 1.15 g/cm <sup>3</sup>
pH	: 1.3 – 2.3
Viscosity	: ≤ 150
Percent Solids	: ≈ 25 %
Molecular weight	: Low
Shelf life	: We recommend not keeping the product for more than 6 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. In case you think of checking the quality of this product, we strongly recommend to do it within the 15 days period after receipt. At the same time, we recommend the product to be stored in those good conditions as indicated in section 7 of the MSDS. In doing it this way, we will avoid any possible deviation owing to inadequate storage conditions. Another option you may consider is sampling the batch-product as it arrives to your facilities. That sample will be easily kept in good conditions and may be analyzed as convenient.*

## 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.
- The product should not be mixed with other products and reagents. Only can be diluted with water if it's necessary.
- Its very important the contact time of the product with the wastewater to treat. Depending on the stirring conditions, it can be necessary between 3 and 5 minutes of contact to achieve the maximum product yield.
- Consult our technical staff in case of any doubt.

## BENEFITS

- Coagulant for wastewater and sludge treatments from different areas (food industry, slaughterhouse, chemical industry, metalurgic, paint, etc).
- 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.
- Effective in a wide range of pH.
- It does not alter the conductivity and pH of the water.

## 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 with any other water based product and/or with strong bases. 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.