

# Technical Information

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derypol

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## Hypol DW211

Product for treatment of water intended for human consumption

### DESCRIPTION

**Coagulant for water treatment for water intended for human consumption.**

The product is free of organic solvents, surfactants and volatile organic compounds (VOCs).

Its main ingredients are: polymers and water.

### CHARACTERISTICS

Type of product	: Diallyldimethylammonium chloride homopolymer in aqueous solution
Appearance	: Colourless to yellowish transparent liquid
Ionic character	: Cationic
Density	: $\approx 1.05 \text{ g/cm}^3$
pH	: 4 - 7
Viscosity	: 500 - 2000 cP
Percent Solids	: 24 - 26 %
Molecular weight	: Medium
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

- The product can be dosified directly or diluted with water in any proportion.
- It may replace, totally or partially, inorganic coagulants.
- Solution stability depends on diverse factors like water quality, pH, temperature, concentration, etc. It is recommended preparing a solution of the product and consuming it in the next few hours. A loss of dissolution viscosity indicates that it begins to degrade. However, you still can make a good use of it, maybe we will need some extra dosage to keep the same performance.

Consult our technical staff in case of any doubt.

## BENEFITS

- It favours a quick decantation of the sludge.
- Effective in a wide range of pH without modifying it.
- Drier sludge is obtained.
- Product easy to handle, and easy to dissolve.
- It reduces the volume of sludge produced.
- It helps for a global cost reduction process in water treatment.

## 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.

The product abides by the next regulations:

- UNE:EN 1408:2008 with regard to those products used in the treatment of water intended for human consumption.