

# Technical Information

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# derypol

C/ Plató 6, Entlo. 5º- 08021 Barcelona (Spain)  
Tel. (93) 238 90 90 Fax (93) 238 90 91  
www.derypol.com

## Himoloc DR523

Product for water treatments

### DESCRIPTION

**Water treatment concentrated flocculant where a medium cationic charge is needed.**

Better dissolution compared to the emulsion and solid products.

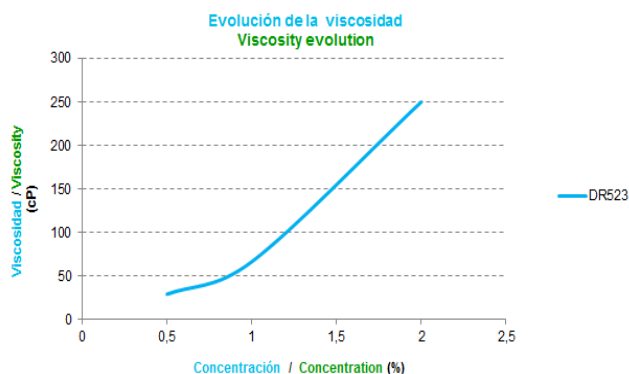
The product is free of organic solvents, surfactants and volatile organic compounds (VOCs).

Its main ingredients are: polymer, salts and water.

### CHARACTERISTICS

Type of product	: Water dispersion cationic polymer
Appearance	: White milky liquid
Ionic character	: Medium Cationic
Odor	: Salty odor
Density	: 1.2 g/cm <sup>3</sup>
pH	: 3 - 4.5
Residual Acrylamide	: ≤ 250 ppm
Viscosity	: < 1500 cP
Molecular weight	: High
Shelf life	: We recommend not keeping the product for more than 9 months.

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



## APPLICATION

- It is recommended to dissolve the product in water prior to use. It dissolves easily in any proportion. The only limitation is the viscosity of the solution.
- Any water quality can be used for its preparation. Depending on this, the final solution will have a variable stability or variable usage time.
- It can be dosed using a static mixer.
- It is advisable not to exceed concentrations higher than 5%.
- It can work alone or in combination with other products commonly used in water treatment, such as: aluminum sulphate, aluminum polychloride, ferric chloride, polyamine, lime, etc.
- In order to achieve maximum performance of the product, it is necessary to choose the most appropriate dosage and the dosage point.
- It is important to avoid the entry of water into the product circuit, so it is recommended to use non-return valves. If this were to happen, gels could be formed and could block the pipes.

Consult with our technical staff in case of doubt.

## BENEFITS

The following treatments are recommended:

- Flocculant used in industrial waters (decantation or flotation).
- Water treatment: separation of oils and grease by flotation.
- It does not cause the emission of Volatile Organic Compounds (VOCs).
- High conductivity media.
- Sludge treatment (dehydration in belt and press filters, centrifuge, press screws, etc ...)

## 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 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 doubt.