

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 DW7135

Product for treatment of water intended for human consumption

DESCRIPTION

Water treatment flocculant where a medium anionic charge is needed.

Better dissolution compared to the emulsion and solid products.

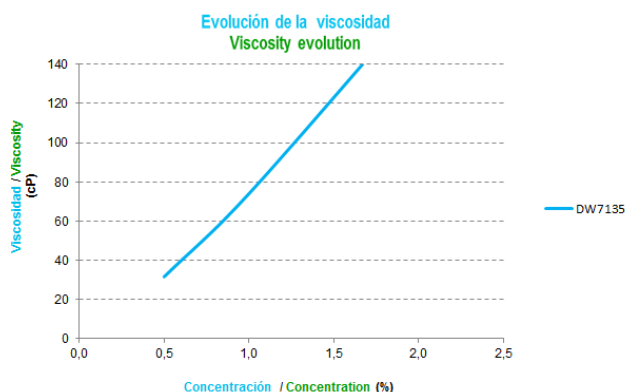
The product is free of organic solvents, surfactants and volatile organic compounds (VOCs).

Its main ingredients are: polymer, salts and water.

CHARACTERISTICS

Type of product	: Water dispersion anionic polymer
Appearance	: White milky liquid
Ionic character	: Medium Anionic
Odor	: Salty odor
Density	: $\leq 1.2 \text{ g/cm}^3$
pH	: 4 - 6
Residual Acrylamide	: $\leq 5 \text{ ppm}$
Viscosity	: $< 1000 \text{ cP}$
Molecular weight	: Very 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

- As a flocculant in the treatment of water intended for human consumption, the product can be used up to a dose of 20 ppm without this involving exceeding the residual of maximum acrylamide (0.1 µg / L) in the treated water. This is so if the flocculant is the only source of acrylamide.
- 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.
- It can be dosed using a static mixer.
- It is advisable not to exceed concentrations higher than 5%.
- Any quality of water can be used for its preparation. Depending on it, the final solution will have a variable stability or variable usage time.
- 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 the maximum product performance it is necessary to choose the most appropriate dosage and 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.
- The product and its manufacturing process are adjusted, as much as possible, to the requirements established by standard UNE-EN: 1407:2008 - "Chemical products used in the treatment of water intended for human consumption - anionic and non-ionic polyacrylamides".

Consult with our technical staff in case of doubt.

BENEFITS

- Flocculant for treatment of drinking water.
- Flocculant for sludge from a water treatment plant.
- Effective in a wide range of pH (1-14).
- It does not cause the emission of Volatile Organic Compounds (VOCs).
- Its manufacturing process has a low environmental impact, compared with the manufacturing processes of emulsion and powder flocculants.

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

The product abides by the next regulations:

- The product meets the all the requirements from the European commission Directive (EU) 2015/1787 of 6 October 2015 amending Annexes II and III to Council Directive 98/83/EC on the quality of water intended for human consumption.
- The product meets the all the requirements from the Spanish regulation RD902/2018 on sanitary criteria for water quality for human consumption and the specifications of the methods of analysis of RD1798/2010.

Consult our technical staff in case of any doubt.