

# Technical Information

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## Himoloc TG224

Product for water treatments

### DESCRIPTION

**Water treatment flocculant where a really low cationic charge is needed.**

Better dissolution compared to 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	: Cationic
Odor	: Salty odor
Density	: $\approx 1.2 \text{ g/cm}^3$
pH	: 3 – 5
Viscosity	: < 2000 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 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 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 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 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.

Consult with our technical staff in case of any doubt.

## BENEFITS

The following treatments are recommended:

- Flocculant used in industrial waters (decantation or flotation).
- Mining: Separation of minerals
- Water treatment: separation of oils and grease by flotation.
- High conductivity media.
- It does not cause the emission of Volatile Organic Compounds (VOCs).

## 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 any doubt.