

# Technical Information

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## KV2557

Treatment product for water

### DESCRIPTION

**Synthetic and vegetable origin cationic polymers in aqueous solution.**

Can be diluted in water in different proportions.

### CHARACTERISTICS

Type of product	: Aqueous solution
Appearance	: Opaque white liquid
Ionic character	: Cationic
Density	: 1 – 1.1 g/cm <sup>3</sup>
pH	: 4 – 5
Viscosity	: 6000 – 9000 cP
Percent Solids	: 22 – 25 %
Molecular weight	: Medium
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.*

## APPLICATION

- The product can be dosed neat, provided there is good agitation and sufficient contact time, or diluted beforehand with water using an in-line mixer.
- Its very important the contact time of the product with the water to treat. Depending on the stirring conditions, it can be necessary between 3 and 5 minutes of contact to achieve the maximum product yield.
- Before mixing the pure product with other coagulants, it is recommended to check the compatibility beforehand.
- Consult our technical staff in case of any doubt.

## BENEFITS

- Coagulant for the treatment of water and sludge from different sectors (food industry, slaughterhouses, chemical industry, metallurgy, Oil & Gas, 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 pH or the conductivity of the treated water/mud.
- Great performance in the separation of oils and fats and as an emulsion breaker.

## 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.