

Technical Information

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derypol

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DER K3700PF

Product for cosmetic applications

DESCRIPTION

Conditioner in cosmetic formulations.

This product uses sodium benzoate as preservative agent.

INCI Name: Polyquaternium-37

CHARACTERISTICS

Type of product	: Madamquat Homopolymer
Appearance	: Colourless to yellowish transparent liquid
Ionic character	: Cationic
Density	: $\approx 1 \text{ g/cm}^3$
pH	: 3 – 4.5
Viscosity	: 2000 – 8000 cP
Percent Solids	: 9 – 11 %
Shelf life	: We recommend not keeping the product for 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

- This product can be easily incorporated in formulations due to complete water solubility. It is compatible with non-ionic surfactants and amphoteric ones.
- The recommended doses are usually between 2% and 5%, depending on the requirements of the final product.
- Consult our technical staff in case of any doubt.

BENEFITS

- Antistatic agent. Reduces the superficial electrical charge of the hair.
- In hair care products, this product can, improve wet and dry combability, increase shine, softness and body, form a non-tacky and continuous film, good curl retention performance and enhance setting properties.
- Quaternary ammonium polymer commonly used as an ingredient in many hair care products such as shampoos, conditioners, masks, and styling products due to its conditioning, protective, and antistatic properties
- It forms film without leaving a sticky sensation.

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.