

Technical Information

Current version 1

19/07/2023

derypol

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

DER K3200PF

Product for cosmetic applications

DESCRIPTION

Conditioner in cosmetic formulations.

This product uses sodium benzoate as preservative agent.

INCI Name: Polyquaternium-32

CHARACTERISTICS

Type of product	: Acrylamide dimethylaminoethyl methacrylate methyl chloride quaternized salt polymer
Appearance	: Colourless to yellowish transparent liquid
Ionic character	: Cationic
Density	: $\approx 1 \text{ g/cm}^3$
Residual Acrylamide	: < 10 ppm
pH	: 3.5 – 4.5
Viscosity	: 7500 – 15000 cP
Percent Solids	: 10 – 14 %
Shelf life	: We recommend not keeping the product 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

- The product has applications as a conditioner in hair, skin and nail care formulations.
- The recommended doses are usually between 2% and 5%, depending on the requirements of the final product.
- The product, due to its cationic nature, has **antistatic** properties that are very useful to prevent damage to the hair derived from the development of static charges.
- Product with **film-forming** properties, thanks to which it forms a protective layer for hair or skin.
- Consult our technical staff in case of any doubt.

BENEFITS

- In hair care products, this product can, improve wet and dry combability, increase shine, softness and body and form a non-tacky and continuous film.
- It forms a transparent 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 the 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.