

/ NEOFECT 403

item ref. 266461 | product data sheet

INCI / EU name

Caprylyl Glycol
Glyceryl Caprylate
Ethylhexylglycerin

Reg. (EC) 1223/2009 listing (Annex V)
None of the ingredients are listed
as preservatives

Suitability
Halal certified
Suitable for vegans

Neofect 403 is a useful combination of cosmetic ingredients, including a humectant and emulsifier, with an antimicrobial effect. Caprylyl Glycol is highly appreciated for its antimicrobial efficacy, especially against bacteria. The combination with Glyceryl Caprylate and Ethylhexylglycerin yields a broad spectrum antimicrobial effect.

Specifications

Appearance (at 20 °C):	Colourless or slightly yellowish liquid	08 LAB MV
Relative density (20/20 °C):	0.953 - 0.963	ISO 12185
Refractive index n_D^{20} :	1.445 - 1.455	ISO 6320

Applications

Neofect 403 can be used in a broad range of cosmetic products, and will have an antimicrobial effect protecting the cosmetic formulation. As the water solubility is limited, care should be taken that Neofect 403 is properly solubilised (e.g. in the aqueous phase of an emulsion). Normal emulsification processes encountered in the manufacture of cosmetic products, ca. 80 °C, should not pose any stability problems. Optimal or recommended pH range for Neofect 403 is 5 - 7.

Storage and shelf life

The product should be stored in original, unopened containers. Keep at room temperature (ca. 10 - 25 °C) in a dark and dry store room. Shelf life is 12 months after manufacturing when stored under the above-mentioned conditions in original unopened packaging. At low storage temperatures, the material can solidify. In this case, it is advised to bring the mixture at slightly elevated temperatures to melt, and to stir.

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issue date **28-FEB-2022**