

Technical Data Sheet

BEFSIL MACRO EM

INCI Name	Amodimethicone (and) Cetrimonium Chloride (and) Trideceth-12
Description	<p>Befsil Macro EM is a cationic emulsion of an amine-functional dimethicone.</p> <p>The product can be used as a conditioning agent for hair care products such as shampoos, conditioners, styling aids and hair colorants, especially suitable for weakened hair.</p> <p>The product has good dilution stability in shampoos and has the better conditioning properties with emulsified silicone oil.</p>
Feature & Advantage	<ul style="list-style-type: none">- Cationic emulsion of amodimethicone- Keep viscosity stable in shampoos- Excellent hair conditioning agent, especially for weakened hair- Good conditioning properties with emulsified silicone oil- Improving wet/dry combing properties- Making hair softness

Technical Index	Property	Specification
	Appearance	Milky white liquid
	pH	7-9
	Solid content(%)	33.0-37.0
	Relative Density(g/cm ³ , 25°C)	0.95-1.05
	Centrifugal Stability (3000 r/30min)	No Delamination

Application	Befsil Macro EM is used as a conditioning additive for hair care products such as shampoos, conditioners, styling aids, hair colorants and so on.
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Recommended Usage	<p>Befsil Macro EM can be formulated into cationic, anionic or non-ionic surfactants.</p> <p>To gain the best function of dispersion, the product is recommended to be added at the end of the procedure at a temperature below 45°C.</p> <p>The recommended usage level is 0.5-2.0%.</p>
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Package	200 KG plastic drums and 1000KG IBC drums. Samples are available upon request in bottles.
Storage	In storage and transportation prevent from the exposure of moisture, acids, alkalis, the sun and rain directly.
Shelf time	12 months

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