BELSIL® ADM 8301 E

Silicone Fluid Emulsions, functional

BELSIL® ADM 8301 E is a film-forming, nonionic microemulsion of an aminofunctional polydimethylsiloxane.

INCI Amodimethicone/Morpholinomethyl Silsesquioxane Copolymer, Trideceth-5, Glycerin

Properties

BELSIL® ADM 8301 E is a highly efficient conditioning agent in hair care applications. Upon drying, it forms a protective, elastic sheath around the hair fiber. BELSIL® ADM 8301 E restores the natural hydrophobic hair surface, thus supporting to reduce color fade of colored hair and protecting hair during heat treatments. The emulsion provides a soft, silky touch and strongly reduces dry and wet combing forces.

Technical data

Specification

Property	Condition	Value	Method
pH	25 °C	approx. 4 - 6.5	Indicator strips

General Characteristics

Property	Condition	Value	Method
Emulsifier type	-	nonionic	-
Active ingredients	-	20.0 %	-
Appearance	-	translucent	-
INCI name	-	Amodimethicone/Morpholino methyl Silsesquioxane Copolymer, Trideceth-5, Glycerin	-
Preservative	-	Phenoxyethanol	-

These figures are only intended as a guide and should not be used in preparing specifications.

All the information provided is in accordance with the present state of our knowledge. Nonetheless, we disclaim any warranty or liability whatsoever and reserve the right, at any time, to effect technical alterations. The information provided, as well as the product's fitness for an intended application, should be checked by the buyer in preliminary trials. Contractual terms and conditions always take precedence. This disclaimer of warranty and liability also applies particularly in foreign countries with respect to third parties' rights.

Protect against frost.

Applications

- Conditioners
- Hair Styling
- Shampoos

Application details

BELSIL® ADM 8301 E is especially suitable for rinse-off conditioners, hair treatments, masks, pump sprays, conditioning shampoos or styling applications like mousses. In shampoos, BELSIL® ADM 8301 E allows the formulation of transparent products.
Processing:

- Recommended use levels of BELSIL® ADM 8301 E in conditioner, treatment and mask formulations are 2,5 % to 10,0 %.
- Recommended use levels of BELSIL® ADM 8301 E in shampoo formulations are 1,0 % to 4,0 %. For formulation of transparent shampoos, it is recommended to pre-dilute the emulsion with water in a ration of 1:5 to 1:10 before addition to the shampoo base.
- The micro emulsion should be formulated at temperatures below 35 °C.
- The emulsion needs to be stirred well before use.

Packaging and storage

Storage

The 'Best use before end' date of each batch is shown on the product label. Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be printed via WACKER web site http://www.wacker.com.

QR Code BELSIL® ADM 8301 E

For technical, quality or product safety questions, please contact:

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