

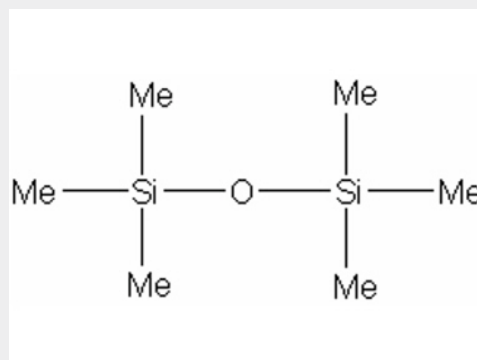
BELSIL® eco DM 0.65



Silicone Fluids (INCI)

BELSIL® eco DM 0.65 is a non-reactive, low molecular weight silicone, based on renewable raw materials according to "TÜV NORD Standard REDcert²". In the BELSIL® eco DM 0.65 manufacturing process, the use of fossil-based raw materials is compensated 100% by biomethanol from renewable resources. BELSIL® eco DM 0.65 is a colorless, clear fluid of low viscosity and high volatility. It is non-polar and insoluble in water but miscible with alcohols, esters, and other solvents frequently utilized in cosmetics. Due to its low heat of vaporization, BELSIL® eco DM 0.65 evaporates from the skin without producing a cooling or stinging effect. BELSIL® eco DM 0.65 evaporates rapidly and without residues.

INCI Disiloxane



Technical data

General Characteristics

Property	Condition	Value	Method
Appearance	-	colorless, clear	-
Density	25 °C	approx. 0.76 g/cm ³	DIN 51757
Flash point	-	-6 °C	DIN 51755
INCI name	-	Disiloxane	-
Ignition temperature	-	340 °C	DIN 51794
Physical state	-	liquid	-
Refractive index	25 °C	1.375	-
Surface tension	25 °C	0.017 N/m	-
Viscosity, kinematic	25 °C	approx. 0.65 mm ² /s	DIN 53018

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.

Applications

- Conditioners
- Hair Styling
- Make-up
- Skin Care
- Sun Care

Application details

BELSIL® eco DM 0.65 can be utilized as a delivery system in antiperspirant and deodorant formulations as well as hair-care products and color-cosmetic compositions. It helps to uniformly spread actives and pigments over the surface of hair and skin. It provides sufficient play time in color-cosmetics applications, thereby improving rub-in properties, reducing stickiness, and imparting lubricity and a smooth skin feel. In hair-care products BELSIL® eco DM 0.65 supports easy spreading of high-viscosity fluids, improves wet combability, and functions as a resin plasticizer in fixative styling products. To adjust drying times for specific product requirements, BELSIL® eco DM 0.65 may be blended in all proportions with other dimethicones and cyclomethicones.

Packaging and storage

Storage

Maximum temperature allowed during storage and transportation: 40 °C

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® eco DM 0.65



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

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The data presented in this medium are in accordance with the present state of our knowledge but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this medium should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The information provided by us does not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the product for a particular purpose.