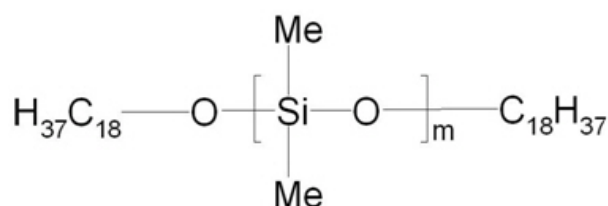


BELSIL® W 3230

BIS-STEAROXYDIMETHYLSILANE, STEARYL ALCOHOL, DIMETHICONE

Product description

Structural formula:



BELSIL® W 3230 is a mixture of a dimethicone with a stearoxy-modified polydimethylsiloxane. It is a white wax and affords good protection against aqueous media.

Application

In skin-care formulations, BELSIL® W 3230 forms a

protective barrier, thereby providing moisturizing benefits. It imparts a non-greasy, soft, velvety feel to the skin and offers excellent compatibility with most cosmetic raw materials.

In color-cosmetics formulations, it enhances gloss and brilliance.

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>.

Product data

Typical general characteristics	Inspection Method	Value
Appearance		white, opaque, solid
Density at 50 °C		0,84 g/cm ³
Melting point / Melting range		35 °C
Flash point	ISO 2719	160 °C
INCI name		Bis-Stearoxydimethylsilane, Stearyl Alcohol, Dimethicone

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

Solubility BELSIL® W 3230 in typical cosmetic ingredients
Additional information

Solubility

Ingredient		Ingredient	
Mineral oils		Emulsifiers / ethoxylated oils	
Mineral oil (high-visc.)	✓	PEG-75 Lanolin oil	✓
Mineral oil (low-visc.)	✓	PEG-7 Glyceryl Cocoate	-
C9-13 Isoparaffin	-	PPG-5-Laureth-5	-
Ester oils / waxes		Alcohols & water	
C12-15 alkyl benzoate	p	Octyl dodecanol	✓
Isopropyl myristate	✓	Oleyl alcohol	-
Isopropyl palmitate	✓	Propylene glycol	-
Decyl oleate	✓	Isopropanol	p
Oleyl oleate	✓	Ethanol	✓
		Glycerin	-
Triglycerides		Water	
Castor oil	-		-
Olive Oil	-	Silicone fluids	
Wheatgerm Oil	-	Cyclopentasiloxane	-
Lanolin Oil	-	Stearyl Dimethicone	✓
		(BELSIL® SDM 5055)	
		Trimethylsiloxyphenyl Dimethicone	p
		(BELSIL® PDM 350 VP)	

✓ = soluble (> 10%)

p = partially soluble (1 - 10%)

- = insoluble

The data presented in this leaflet 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 leaflet 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 recommendations do 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 products for a particular purpose.

The management system has been certified according to DIN EN ISO 9001 and DIN EN ISO 14001

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

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