

Wacker-Belsil® CM 1000

Cyclopentasiloxane, Dimethiconol

Characteristics

Wacker-Belsil® CM 1000 is a blend of cyclopentasiloxane and a high molecular silicone gum. Due to its composition, it combines the properties of the low-viscose, volatile fluid, cyclopentasiloxane and the extremely high-viscose dimethiconol. The excellent spreading of cyclopentasiloxane allows a good distribution of the high-viscose conditioning agent dimethiconol.

Application

Wacker-Belsil® CM 1000 is used in hair care and in skin care applications.

Skin-care and skin-protection preparations containing Wacker-Belsil® CM 1000 impart a pleasant, supple feel to skin; it eases the distribution of the formulations and improves skin elasticity. At the same time, it forms a water-resistant, but breathable protective barrier. This provides good substantivity and fixation of active ingredients.

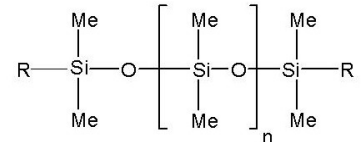
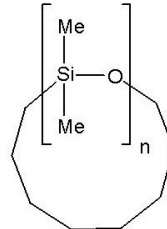
Use of Wacker-Belsil® CM 1000 in hair-care products yields sleek, shiny hair. Damaged hair regains a natural, healthy appearance. Wet and dry combability are improved, and further damage to the hair cuticles is prevented.

Storage

Wacker-Belsil® CM 1000 has a shelf life of at least 12 months when stored between 5 °C and 40 °C in the originally sealed container. The 'Best use before end' date of each batch appears 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.

Chemical structure



Safety information

Detailed safety information is contained in each material safety data sheet, which can be obtained from our sales offices.

Product data

Properties	Unit		Wacker-Belsil® CM 1000
Appearance			colorless, clear
Viscosity	approx.	[mm ² /s]	5200
Refractive index	approx.	n _D ²⁵	1.398
Density	approx.	[g/cm ³]	0,96
Solids content	approx.	[%]	18
INCI name	Cyclopentasiloxane, Dimethiconol		

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

Additional information

Solubility

Ingredient	Wacker-Belsil® CM 1000	Ingredient	Wacker-Belsil® CM 1000
Mineral Oil		Alcohols	
C9-13 Isoparaffin	✓	Octyldodecanol	Δ
Mineral Oil, high-visc.	Δ	Oleyl Alcohol	Δ
Mineral Oil, low-visc.	Δ	Propylene Glycol	Δ
		Isopropanol	Δ
Ester / Ester Oil		Alcohol	
Ethyl Acetate	✓	Glycerin	Δ
C12-15 Alkyl Benzoate	Δ		
Isopropyl Myristate	✓	Ketones	
Oleyl Oleate	Δ	Benzophenone-3	Δ
Ethylhexyl Methoxycinnamate	P	4-Methylbenzylidene Camphor	Δ
Ethylhexyl Salicylate	✓		
		Water	
Triglyceride			Δ
Castor Oil	Δ		
Olive Oil	Δ		
Wheatgerm Oil	Δ		
Lanolin Oil	Δ		

✓ = soluble (> 10%)

P = partially soluble (1 – 10%)

Δ = 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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