

Wacker-Belsil® ADM 6057 E

Silicone Emulsion

Characteristics

Wacker-Belsil® ADM 6057 E is an oil-in-water macroemulsion of an amodimethicone fluid of low amine content, emulsified by a cationic/nonionic surfactant system.

Due to the chemical structure of the amino-functional active ingredient and the emulsifiers, Wacker-Belsil® ADM 6057 E has excellent affinity and substantivity on hair.

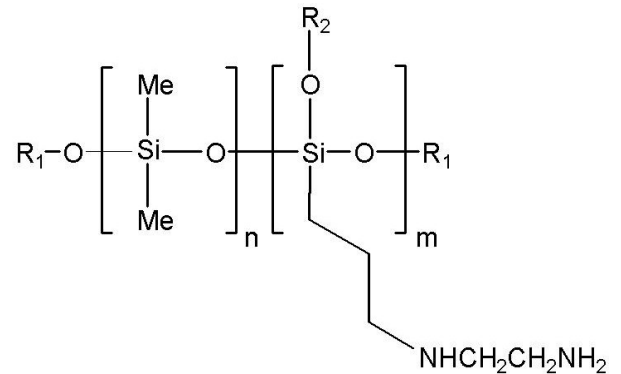
Application

Wacker-Belsil® ADM 6057 E is an excellent hair-conditioning agent. The reactive branched silicone fluid will cross-link upon drying to form a protective sheath around the hair fibre that lasts through several shampooing cycles. As the silicone film itself limits the deposition of active silicone onto the hair, there is no risk of build-up upon repeated application of the formulation containing the silicone fluid.

The amino-functional silicone fluid contained in this emulsion will enhance wet and dry combability and reduce triboelectric charging, while imparting shine and a soft, smooth feel to dry hair.

Wacker-Belsil® ADM 6057 E is an excellent choice for conditioning in all non-aerosol hair-care applications, including chemical processing (eg, permanent waving) and hair-colouring formulations.

Chemical structure



Storage

Wacker-Belsil® ADM 6057 E has a shelf life of at least 6 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.

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® ADM 6057 E
Appearance		milky
Density at 25 °C ; approx.	[g/cm ³]	1.0
Viscosity of the emulsion	[mm ² /s]	10
Type of emulsifier		cationic / nonionic
Active substance content, approx.	[%]	35
Reactivity of amodimethicone		reactive
Amine number of emulsion product, approx.	[mmol/g]	0.05
INCI name		Amodimethicone, Cetrimonium Chloride, Trideceth-10

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

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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