

MIRASIL[®]
ADM 211**Description****C.T.F.A. / I.N.C.I. Name: AMODIMETHICONE****CAS N° 102782-92-3****MIRASIL ADM 211** is an amine functionalized polydimethylsiloxane with low viscosity.**Examples
of applications****MIRASIL ADM 211** is a fluid stable in a wide range of cosmetic formulations.

- Enables clear shampoo formulations and cold process manufacturing.
- Provides smooth feel to dry hair.
- Eases wet and dry combing.
- Brings long lasting conditioning without build-up.
- Improves colour depth and longevity when used in semi-permanent colour product.
- Protects hair from heat damage.

Recommended use levels:

- Hair care products: 0,5% - 3%

Characteristics

Appearance (<i>Standard SH</i>)	Clear colourless to pale yellow liquid
Colour (<i>Gardner</i>)	1/2 max.
Turbidity (<i>NTU</i>)	10 max.
Odour	Amine
Specific gravity (25°C ; <i>kg/m³</i>)	≈ 975
Viscosity at 25°C (<i>mm²/s</i>)	900 - 1300
Amine content (<i>meq / 100 g</i>)	12-17
Refractive index at 25°C	≈ 1.405
Flash point (<i>closed cup, °C</i>)	106
Volatile matters (<i>1 g, 30 min, 150°C, %</i>)	5 max.
D4 content (%)	0.9 max
Heavy metals (<i>Pb ; ppm</i>)	5 max.
Identity (<i>I.R. Spectrum</i>)	Conform

MIRASIL ADM 211 is compatible with a variety of typical hair care formulation ingredients, including quaternary ammonium salts, cyclomethicone, isododecane and partially with alcohol.**Packaging****MIRASIL ADM 211** is available in:

- 4 drums 200 kg / Pal. 800 kg

SPECIAL PACKAGING (on request):

- 12 drums 25 kg / Pal. 300 kg

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Storage and shelf life

When stored in its original unopened packaging, at a temperature between +2°C and +30°C, **MIRASIL ADM 211** may be stored for up to 12 months from the date of manufacture clearly marked on the packaging.

Beyond this date, Bluestar Silicones no longer guarantees that the product meets the sales specifications.

Safety

Please consult the Safety Data Sheet of **MIRASIL ADM 211**.

Visit our website www.bluestarsilicones.com

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