**MIRASIL® DM 350**

### Description
- **C.T.F.A. / I.N.C.I. Name:** DIMETHICONE
- **CAS No:** 63148 – 62 – 9
- **MIRASIL DM 350** is a linear polydimethylsiloxane fluid with a low viscosity and low molecular weight.

### Examples of applications
- Skin care: creams and lotions - recommended use levels 0.5–2% for a soft feel; 5–10% for a protecting effect.
- Deodorants and antiperspirants: recommended use levels 0.5–2% for deackification.
- Make up removers, shaving lotions and shaving foams: recommended use levels 0.5 – 2%.
- Sun products: protection and waterproof effect - recommended use levels 1-10%.

### Characteristics
- **Appearance:** Limpid, with no extraneous matter
- **Colour (Hazen):** 30 max.
- **Turbidity (NTU):** 4 max.
- **Odour:** None to slight
- **Specific gravity (25°C ; kg/m³):** 970
- **Viscosity at 25°C (mm²/s):** 315 – 385
- **Refractive index at 25°C:** ~ 1.403
- **Surface tension (25°C; mN/m):** ~ 21.1
- **Freezing point (°C):** ~ -50
- **Flash point (closed cup, °C):** 300
- **Volatile matters (150°C-1g-2h ; %):** 0.3 max.
- **Acidity (in NaOH - 0.01N ; ml):** 0.15 max.
- **For neutralization of 2g product**
- **Heavy metals (Pb ; ppm):** 5 max.
- **Phenyl compounds (DO):** 0.2 max.
- **Mineral oils (mg/kg):** 0.1 max.
- **Identity (I.R. Spectrum):** Conform
**MIRASIL® DM 350**

<table>
<thead>
<tr>
<th>Characteristics (cont’)</th>
<th>Soluble in: Ethyl, Butyl Acetate; Isopropyl Palmitate; Isopropyl Myrisate; Ethyl, Isopropyl ether; Cyclomethicones; Phenyl Trimethicone; Lauryl alcohol.</th>
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<tbody>
<tr>
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<td>Insoluble in: Water, Vegetable oils, Fatty acids, Glycerine, Ethanol (95%), Isopropanol, Stearyl alcohol, Ethylene Glycol, Propylene glycol, Glycerol, Glycerol Monostearate, Petrolatum, Mineral oil.</td>
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**Packaging**

MIRASIL DM 350 is available in:
- 4 drums 200 kg / Pal. 800 kg
- 12 drums 25 kg / Pal. 300 kg

**Storage and shelf life**

When stored in its original unopened packaging, at a temperature of below +40°C, MIRASIL DM 350 may be stored for up to 36 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 DM 350.

Visit our website [www.bluestarsilicones.com](http://www.bluestarsilicones.com)

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