MIRASIL® DMCO

Description

CAS N° 68937 – 55 – 3

MIRASIL DMCO is a silicone polyether copolymer surfactant with saturated covalent bonds, acting as a wetting agent or an emulsifier in various personal care formulations.

Examples of applications

- Hair Care, Skin Care, Toiletries

Advantages

- **HAIR CARE**: hair spray use levels 0.5 – 1%.  
  MIRASIL DMCO improves spreading, reduces irritation of surfactants and stabilizes foams.

- **SKIN CARE**: recommended use levels 0.1 – 3%.  
  MIRASIL DMCO leaves a soft feel and reduces irritation of soap to skin.

- **TOILETERIES**: shaving creams recommended use levels 0.2 – 3%  
  MIRASIL DMCO improves the foam and lubricity.

MIRASIL DMCO may decrease significantly the viscosity in some rinse-off cleansing formulations.

Characteristics

- Appearance, 25°C: Limpid liquid to slightly hazy
- Colour: Colourless to light yellow
- Odour: None to slight characteristic of fruity alcohol
- pH, 10% in water / IPA 40/60, approx: 5.5
- Viscosity, at 25°C, mm²/s, approx: 1800
- Dry content, %, approx: 100
- Specific gravity at 25°C, kg/m³, approx: 1036
- Flash Point, closed cup, °C, approx: 180
- Surface tension, 25°C, mN/m, approx: 23
- Cloud Point, 10%, °C, approx: 45
- Refractive Index, 25°C: 1.446 to 1.450

*Soluble in:*  

*Partly miscible with:*  
Propylene Glycol, Isopropyl Palmitate, Decyl Oleate.

*Not miscible with:*  
Ethylene glycol, Glycerol, Polyethylene glycol 300, Peanut, Almond and Vaseline oils.
Packaging

MIRASIL® DMCO is available in:

- Standard packaging: 4 drums 200 kg / Pal. 800 kg
- Special packaging with extra cost: 12 drums 25 kg / Pal. 300 kg

Storage and shelf life

When stored in its original unopened packaging, at a temperature of between +2°C and +40°C, the MIRASIL® DMCO 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® DMCO.

Visit our website www.bluestarsilicones.com

Warning to the users

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