

BRS-201-100

INCI Name : Dimethicone

Cas No.: 9006-65-9

Description

BRS -201-100 are linear polydimethylsiloxane, colorless, odorless, non-toxic and non-irritating. For a high affinity with skin, the products can be used in the skin care products to obtain silk like smooth feel.

As a carrier, the products could provide better silky feel and enhance the long-lasting performance of other active ingredients on skin.

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Appearance	Colorless transparent liquid
Refractive index (25°C)	1.4020~1.4040
Specific gravity (25°C)	0.958~0.968
Viscosity (cst, 25°C)	100±5
Flash Point (°C)	≥310
Volatile (150°C, 2h), %	≤0.5
Content of D4 (%)	<0.1
Content of D5 (%)	<0.1
Content of D6 (%)	<0.1

Features

- High water repellency
- High spreadability and compatibility
- Low reactivity and vapor pressure
- Low surface energy
- Good heat stability
- Soluble in a wide range of solvents

Benefits

- Skin protection
- Imparts soft, velvety skin feel
- Spreads easily on both skin and hair
- De-soaping (prevents foaming during rubout)

Usage

BRS -201-100 can be used directly or emulsified in personal care formulations. The preferred HLB value for O/W type of emulsifying is 10-11.

The recommended usage level of the product is 1-10%.

Application

BRS -201-100 can be well formulated in personal care products to obtain better combing, conditioning and smoothness.

Packing & Storage

200L Iron drum or 1000L IBC drum.

In storage and transportation, prevent from the exposure of moisture, acid, alkalis and other impurities.

shelf life: 1 years