



## Low Viscosity Silicone Oil RH-201 3~10 cSt

**Component:** Polydimethylsiloxane

**Description:** RH-201 has good insulation, high water resistance, high-speed shear resistance, high compressibility, high dispersion, low surface tension, low reactivity, low vapor pressure, good thermal stability, and good leveling. RH-201 is soluble in most solvents and has good compatibility with most cosmetic ingredients. It is widely used in personal care products. It has good dispersion properties, no greasy feeling, and makes the skin soft, smooth and delicate.

RH-201-3~10cSt is a low-viscosity polydimethylsiloxane. Because of its good dispersion properties, it is often used as the base liquid in personal care products

### Specification

Item	RH-201-3	RH-201-5	RH-201-6	RH-201-10
INCI	Dimethicone	Dimethicone	Dimethicone	Dimethicone
Viscosity (25°C, mm <sup>2</sup> /s)	2.5-3.5	4.5-5.5	5.5-6.5	9-11
Specific gravity (25°C)	0.89	0.92	0.93	0.94
Refractive index (25°C)	1.393	1.396	1.398	1.399

### Application:

➤ This product can be used in personal care products, such as hair sprays, facial

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cleansers, moisturizers, lotions, bath polishes, nail polishes, antiperspirants, deodorants, etc.

- It can also be used in industrial applications such as glass bottles and lens coatings, household product ingredients, machine oils, penetrating oil ingredients, and more.
- The specific addition amount is determined according to the formula test.

### **Package & Storage**

- ✧ The product should be stored in a clean, sealed container, avoiding contact with acids, alkalis and other impurities, and not exposed to open flames.
- ✧ The product should be sealed and stored in a dry and cool place after storage. The shelf period is 12 months. If over the shelf period, it should be re-tested before use.
- ✧ Packed in 20L, 200L Iron drum. Other requirements needs to be negotiated.

### **DISCLAIMER**

The technical parameters provided in this paper are all typical values for reference only. They are not regarded as product acceptance standards and are subject to change without notice. Due to the difference of use conditions, we can not guarantee the effect and applicability of the product under all circumstances, and we will not be liable for any direct, indirect or accidental losses arising therefrom. Users shall conduct relevant tests or consult our technical personnel before using the product.