

Gum Blends

RJS-1205

■ INCI Name	Dimethicone(and) Cyclopentasiloxane	
■ Description	<p>Skin Care and Hair Care Silicone Oil RJS-1205 is a mixed product of Polydimethylsiloxane Gum dispersed in volatile cyclomethicones and low viscosity PDMS, with colorlessness, odorlessness and non-toxicity.</p> <p>The product has a high affinity with the skin and hair and can form a soft protective film. For it has containing volatility, the product can be added into the formulations and provide velvety and silky feel.</p> <p>The product is ideal material for the hair care products.</p>	
■ Feature & Advantage	<ul style="list-style-type: none"> — Velvety and silky feel — Forming a soft silicone protective film — Providing the best glossing and feeling properties 	
■ Technical Index	Property	Specification
	Appearance	Colorless transparent viscous fluid
	Non-volatile content (%)	10~18
	Specific gravity (25°C)	0.920-0.950
	Refractive index (25°C)	1.3950-1.4350
	Viscosity (cSt, 25°C)	3500-8000
■ Application	Skin Care and Hair Care Silicone Oil RJS-1205 can be used in Skin care, hair caring cream and lotion, hot oil.	
■ Recommended Usage	<p>Skin and Hair Care Silicone Oil RJS-1205 is recommended to be formulated at room temperature or below 50°C.</p> <p>Reduce the temperature to 50°C after the oily-phase melted, and slowly add the product, then completely stir. Add the other ingredients at last.</p> <p>The product has good compatibility with oily cosmetic materials such as pigments, greases and perfumes. It can be used diluted by volatile silicone to reduce the viscosity.</p> <p>After adjusted the viscosity with volatile cyclomethicones, the produce</p>	

can be used directly in the hair to condition, keep wetting and care. It can make dry and weakened hair bright, smooth and silky.

The recommended usage level of the product is 3-8% in hair care products, 40-50% in hair care oil products.

■ **Package**

RJS-1205 is supplied in 195 KG iron drums. Samples are available upon request in bottles.

■ **Storage**

Prevent from the exposure of moisture, acids, alkalis, and other impurities.

■ **Shelf Life**

24 months

Revision Date: 1/21/2022

Version 3.0