

## Gum Blends BRS-1305

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<b>. INCI Name</b>	Dimethiconol (and) Cyclopentasiloxane
<b>. Description</b>	BRS- 1305 is a mixed product of polydimethylsiloxane gum dispersed in volatile cyclomethicones and low viscosity PDMS, with colorlessness, odorlessness and nontoxicity. 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. The product is ideal material for the hair care products.
<b>. Feature &amp; Advantage</b>	<ul style="list-style-type: none"><li>- Velvety and silky feel</li><li>- Providing the best glossing and feeling properties</li><li>-Forming a soft silicone protective film</li></ul>

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<b>. Technical Index</b>	Property	Specification
	Appearance	Colorless transparent viscous fluid
	Specific gravity (25°C)	0.950-0.965
	Refractive index (25°C)	1.396- 1.405
	Viscosity (CS, 25°C)	5,000-8,000
	Non-volatile content (%)	10~18
	Content of D4 (%)	<0.1

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<b>. Application</b>	BRS- 1305 has a wide range of applications, such as hair and skin care products, sun proof products, styling aids, skin care creams, make - up, etc.
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<b>. Recommended Usage</b>	<p>Due to containing volatile components, BRS-1305 is recommended that 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>
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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 produces.

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**. Package**

BRS- 1305 is supplied in 195kg Iron drums. Samples are available upon request in bottles.

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**. Storage**

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

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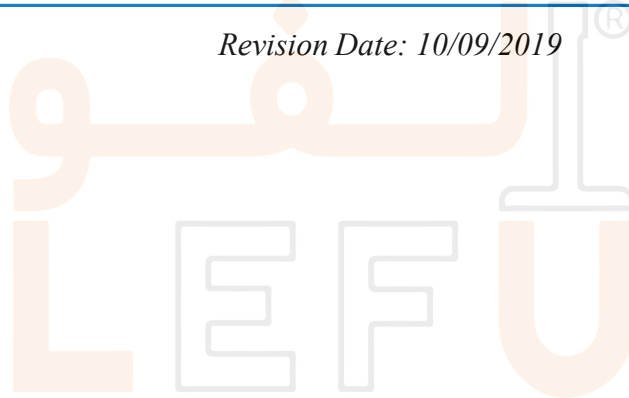
**. Shelf Life**

24 months

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*Version 2.0*



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