

Product Information

Personal Care Products- Silicone Oil

Product Features:

- High molecular weight
- Film forming
- Enable skin to be soft and silkily smooth texture
- Conditioning, long-lasting

SiCare®9230 compatible with common cosmetics ingredients

Components	Conclusion
Water	N
Ethanol	M
Propanediol	N
Caprylyl Methoxycinnamate	M
Hydrocarbon	
Mineral Oil	M
Isododecane	Y
Synthesis Isoparaffin	Y
Oils	
Almond Oil	M
Castor Oil	N
Joboba Oil	M
Soy Bean Oil	M
Sunflower Oil	M
Isopropyl Myristate	Y
Isopropyl Palmitate	M
Octyl Palmitate	M
Oleyl Alcohol	M
Silicone	
Dimethicone	Y
Phenyl Silicone Oil	Y
D4/D5	Y

Y: Compatible at any proportion

N: Total incompatible M: Partial compatible

Limited Liability

This information is based on the test of **Silok** and was considered to be correct; It cannot supersede the assessments and testing that users need to do before using this product; **Silok** can only guarantee the sell products to meet the constituted sales standard; and the only responsibility of **Silok** for breach of warranty is as follows: replacement of an equivalent product or refund the purchase price; **Silok** expressly declares not responsible for the loss of accidental or incidental.

SiCare®9230

Silicone Oil and Silica Gel Mixture

INCI: Cyclopentasiloxane (and) Dimethiconol

Product Description:

It is a mixture that comes from 15% of extremely high viscosity silica gel dispersing in low viscosity silicone oil and isoparaffin. It brings superb silky smoothness.

Typical Physical Properties:

The data based on Silok internal testing for reference only.

Parameter	Value
Appearance	Colorless transparent thick liquid
Silica gel content %	20±3.00
Viscosity cps (25°C)	5000-10000
Refractive index n_D^{25}	1.4000±0.0050
Density g/cm ³ (25°C)	0.96
Flash point °C (Close up)	72

Applications:

Widely applied for cosmetics:

- Hair care (conditioner, hair dressing)
- Makeup
- Sunscreen and sun-tanning
- Antiperspirant and deodorant
- Skin care

Usage:

- **Emulsion Products**

1. Add into oil phase directly.
2. When temperature of dissolving oil is over 70°C, it should be slowly added by using high shear force agitator below 60°C.

- **Non-Emulsion Products**

Suggested to add cosmetic components into silicone, because macro-molecular dimethicone is not well compatible with other ingredients.

Storage and Validity:

Stored below 38°C, the shelf-life is 24 months; when stored below 25°C, the shelf-life is 36 months since the date of production.

Sample Package: 125ml Transparent Glass Bottle

Product Package: 25kg Plastic Drum

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