

## Product Information

### Natural Oil Modified Silicone

#### Product Features:

- Limnanthes alba seed oil modified
- Quite soft and smooth skin feeling
- Great skin affinity
- Better moisturizing and hydrating effects
- Low viscosity, good spreadability
- Non-greasy feel, fast absorption
- Good powder dispersion
- Better oil compatibility
- Easy to emulsify and formulate
- High gloss
- Enhance the stability and tender moist feeling
- Great dissolution, make-up removing performance, reduce skin dryness

#### Oil Compatibility:

INCI	2802	10%	50%	90%
Water		I	I	I
Dimethicone (5cst)		C	C	C
Dimethicone (350cst)		C	C	C
Dimethicone (500,000cst)		I	C	I
Cyclopentasiloxane		C	C	C
Caprylic/Capric Triglyceride		C	C	C
Isododecane		C	C	C
Isopropyl Palmitate		C	C	C
Isononyl Isononanoate		C	C	C
Ethylhexyl Methoxycinnamate		I	I	C
Coconut Oil		I	I	C

**C= compatible, I= incompatible**

#### Product Application:

- Variety of skin care creams and lotions, sunscreen products, and makeup products
- Hair care products
- Clean and wash products

#### Limited Liability

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## SiCare-2802

### INCI: Dimethiconol Meadowfoamate

#### Product Description:

(Limnanthes Alba) seed oil modified silicone combines features of limnanthes alba seed oil and siloxane, is a multi-functional effective ingredient. Feels highly tender and smooth with good conditioning performance and moisturizing effect. Can form a soft waterproof and breathable film on skin surface, enhance skin barrier function, repair skin, no greasy feel. Meanwhile with nice skin affinity and high gloss. Widely compatible with various-viscosity lining silicone oil, annular silicone oil and esters, easy to emulsify, with good powder dispersion, enhance product stability, improve skin feeling and spreadability in formulas. SiCare-2802 has good performance of dissolving and removing color cosmetics especially lip product. Its moisturizing and soft feel can reduce dry feel after facial cleaning. Suitable for creams, lotions, high-grade hair oil, essence oil, make-up removal oil, hair products, facial cleaning products and body wash, lipsticks, foundations and sunscreens. It brings visual skin feel of high-quality tenderness and softness for rod-like products like lipsticks.

#### Typical Physical Properties:

The data based on Silok internal testing for reference only

Parameter	Value
Appearance <sup>25</sup> °C	Light yellow transparent clear liquid
Density g/cm <sup>3</sup> (25°C)	0.93±0.01
Refractive index n <sub>D</sub> <sup>25</sup>	1.4300±0.0050
Solid content (120°C/2h)	≥95.00
Flash point °C	>100
Viscosity cps/25°C	50-100
Surface tension N/m(25°C)	22.13

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**Usage:**

Add into oil phase directly. Suitable for pure oil system, and O/W or W/O emulsifying system, can be formulated in both cold and heated condition, works as base oils or functional additive oils.

**Recommended Dosage:**

Skin care, make-up type products: 0.5 -15 %

Hair care, cleaning products: 0.2 -5 %

Make-up remover: 1-50%

**Effect to Formula:**

Offer many kinds of properties for cosmetics like excellent skin care, gloss hydrophobicity and breathability, softness, smoothness, moisture, moisture retention, stickiness resistance, spreadability and stability, etc. Can greatly enhance the overall texture of formulas.

**Safety:**

At regular use, clinical irritation symptoms to eyes and skin may not occur, won't cause allergic symptoms. Breathable, won't clog pores or cause acnes.

**Use Restriction:**

The product is untested or unstated to be edible, medical or pharmaceutical.

**Storage and Validity:**

when temperature is below 38°C, the shelf-life is 24 months since date of production.

**Sample Package: 125ml Colorless Glass Bottle**

**Product Package: 20KG Plastic Drum**

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