

INCI: Dimethicone and Dimethiconol

# Moisil SE 11



## Product Identification

INCI: Dimethicone and Dimethiconol

## Product introduction

Moisil SE 11 silicone oil is a mixture of ultra-high molecular weight dimethylsiloxane alcohol and low viscosity dimethylsilicone oil.

## Features and Benefits

- Safety, no irritation to skin
- Improve the affinity of other active substances
- Film forming
- Non-occlusive
- Long lasting
- Imparts a silky, lubricious feel
- Formation of waterproof, non-blocking film

## Technical Specifications

Appearance	Clear, colorless
Dimethiconol (%)	12-14
Silicone content (%)	100
Viscosity (mm <sup>2</sup> /s)	4000
Flash Point (Close °C)	>62
Specific weight (25°C)	0.93
Cyclotetrasiloxane (D4) Content (%)	<0.1

## Application Guidelines

Moisil SE 11 is a transparent solution of ultra-high viscosity polydimethylsiloxane, dissolved in low viscosity polydimethylsiloxane. Applied to skincare products, cosmetics, sunscreen, moisturizers, etc.

When preparing an emulsion containing Moisil SE 11 Fluid, it is recommended to use a high stirring speed and to pass the emulsion through a homogenizer.

## Usage limitations

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.  
Not intended for human injection. Not intended for food use.

## Compatibility

Type of Material	
Water	I
Propylene Glycol	I
Octyl Methoxycinnamate	up to 7%
Hydrocarbons	
Mineral Oil – 8 mm2/s	up to 54%
Isododecane	C
Isopar H	C
Oils	
Almond Oil	up to 3%
Castor Oil	I
Jobba Oil	up to 9%
Soybean Oil	up to 3%
Sunflower Oil	up to 3%
Esters	
Isopropyl Myristate	C
Isopropyl Palmitate	C
Octyl Palmitate	up to 52%
C12-C15 Alcohol Benzoate	up to 33%
Capric/Caprylic Triglycerides	up to 30%
Octyldodecanol	up to 22%
Oleyl Alcohol	up to 3%
Silicones	
Dimethicone (all viscosities)	C
Phenyl Trimethicone	C

C: Compatible all ratios

I: Incompatible all ratios

Up to: x% of the tested material is compatible with the remaining % of SE11 Fluid

## Packaging & Storage

Net weight per drum: 180 kg.

Shelf life: 30 months when stored sealed at 25°C.

## Company Information

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The information provided in this Product Bulletin is believed to be accurate and reflective of the product's typical characteristics and potential applications. However, any usage suggestions provided are solely for reference and should not be construed as authorization to violate any domestic or international patents. It is the responsibility of user to conduct comprehensive testing under actual application conditions to verify the product's performance, compatibility, safety, and handling requirements.