

# Manta F1057 Phenyl Silicone Fluid

## Description

Manta F1057 is a phenyl-modified branched polyorganosiloxane, which has very good compatibility with alcohol solvents. It is used to improve the performance of various cosmetic formulas and can give products excellent hydrophobicity, breathability, and antioxidant properties. properties, UV protection, softness, slipperiness, anti-stickiness, etc. It is mainly used as a waterproof additive and to reduce the stickiness of organic ingredients in formulas.

## Typical Physical Properties

INCI/CTFA	Phenyl Trimethicone
Appearance	Colorless to slightly yellow transparent liquid
Refractive index (25 °C)	1.4600-1.4690
Specific gravity (25 °C)	0.980-1.025
Viscosity (CS, 25 °C)	18-27

## Properties

Anti-UV;

Good compatibility, soluble in most organic solvents;

Waterproof and easy to emulsify;

Non-volatile, good breathability;

A good emollient, providing a smooth, soft, non-greasy skin feel;

Increase the gloss of products and after use;

## Applications

F1057 can be widely used in skin care lotion, skin cream, sunscreen lotion, shaving cream (lotion), hair care, makeup and other products.

## How to use

F1057 can be emulsified with general emulsifiers under emulsification methods. It is miscible with ethanol (95%), isopropyl alcohol (99%), stearyl alcohol and mineral oil; it has poor compatibility with glycerol.

It also has good compatibility with lanolin, paraffin oil, paraffin wax, beeswax, isopropyl myristate, etc. The recommended usage level is 0.5%-5%, the specific usage method depends on actual needs.

### Packaging

In 200L drum, IBC

### Safety and Storage

Keep away from heat and open flame. Prevent from the exposure of moisture, acid, alkalis and other impurities. When stored at well in the original unopened containers, this product has a usable life of 24 months from the date of production (drum packing).

### Contact Information

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