

# KF-6048

## Emulsifying Linear Silicone

### Silicone Emulsifier

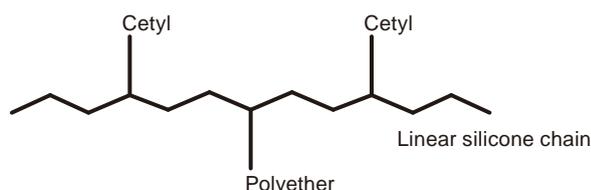
- **Features & Advantages**
  - Emulsions W/O or Si+O
  - Good compatibility with organic oils and esters
  - Liquid formulation

- **Applications**
  - Skin care
  - Make-up
  - Sunscreen

- **Percentage of use** 0.1-4 %

- **INCI name** Cetyl PEG/PPG-10/1 Dimethicone

#### ■ Structure



#### ■ Characteristics

Properties	Unit	Values	Standard method / condition
Appearance (color)	—	Colorless	Visual observation
Appearance (transparency)	—	Transparent	Visual observation
Appearance (texture)	—	Liquid	Visual observation
Percentage of active raw material	%	100	
Viscosity	mm <sup>2</sup> /s	1,500	Cannon fenske viscometer
Specific gravity	—	0.96	Densimeter
Refractive index	—	1.437	Refractometer
HLB		3.5	Calculated

(Not specific values)

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### ■ Solubility / compatibility

KF-995 (Cyclopentasiloxane)	PS
KF-96A-6cs (Dimethicone)	PS
Mineral oil	S
Isotridecyl Isononanoate	S
Triethylhexanoin	S
Squalane	S
Ethyl alcohol	PS
Isopropyl alcohol	S
Propylene glycol	PS
Butylene glycol	PS
Glycerin	PS
Water	I

S : Soluble  
 PS: Partially soluble  
 I : Insoluble  
 Tests done at 20% of concentration

■ **Processing (How to use)**      The product is ready to use.

■ **Packaging**                      16 kg can

■ **Storage**                              The silicone products may deteriorate when it comes in contact with heat, light, acid, alkaline, etc.  
 Be sure to seal tightly and store in a cool dark place away from heat and flame.

■ **Safety**                                Please consult our MSDS.

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<http://www.silicone.jp/e/>