

# KF-6028

## Emulsifying Branched Silicone

### Silicone Emulsifier

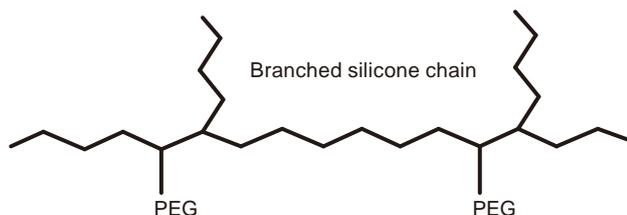
- **Features & Advantages**
  - Emulsions W/Si
  - Good compatibility with silicones
  - Liquid formulations

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

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

- **INCI name** PEG-9 POLYDIMETHYLSILOXYETHYL DIMETHICONE

#### ■ Structure



#### ■ Characteristics

Properties	Unit	Values	Standard method / condition
Appearance (color)	—	Colorless to light yellow	Visual observation
Appearance (transparency)	—	Transparent	Visual observation
Appearance (texture)	—	Liquid	Visual observation
Percentage of active raw material	%	100	
Viscosity	mm <sup>2</sup> /s	900	Cannon fenske viscosimeter
Specific gravity	—	0.998	Densimeter
Refractive index	—	1.420	Refractometer
HLB		4.0	Calculated

(Not specific values)

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### ■ Solubility / compatibility

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

S : 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 SDS.

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