

KF-6038

Emulsifying Branched Silicone

Silicone Emulsifier

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

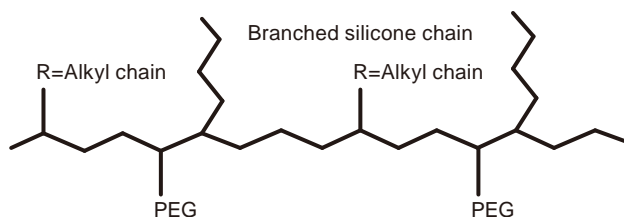
- **Applications**
 - Skin care
 - Make-up
 - Sunscreen

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

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

* This does not represent all composition.
Please contact Shin-Etsu sales representative for details.

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 ² /s	700	Cannon fenske viscosimeter
Specific gravity	—	0.958	Densimeter
Refractive index	—	1.430	Refractometer
HLB		3.0	Calculated

(Not specific values)

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■ Solubility / compatibility

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

Warning to users

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