

Personal Care Products Solubilities Guide

Innovative silicones for the personal care industry



PERFORMANCE INSPIRED INGENUITY

PRODUCT	INCI NAME	SOLUBILITY @ 1%/10%					
		Water	Mineral Oil	Isopropyl Alcohol	Isopropyl Myristate	Dimethicone Fluid 350 cps	Cyclomethicone
Silicone Polyether							
Silsurf D212-CG	PEG-12 Dimethicone	SS	II	SS	DI	DD	II
Silsurf J208	PEG-8 Dimethicone	SS	II	SS	DI	DD	II
Silwax WD-IS	Dimethicone PEG-7 Isostearate	DD	SS	SS	DI	DD	DI
Silwax WS-L	Dimethicone PEG-8 Laurate	SS	II	SS	II	II	II
Silsurf CR 1115	PEG/PPG-18/18 Dimethicone	SS	II	SS	SS	DD	II

Silicone Elastomer Gels

Silmer G-162	Cyclopentasiloxane (and) Dimethicone/Vinyl Dimethicone Crosspolymer	II	II	II	II	DD	SS
Silmer G-162A	Cyclopentasiloxane (and) Dimethicone/Vinyl Dimethicone Crosspolymer (and) Behenyl Dimethicone/Bis-Vinyldimethicone Crosspolymer	II	II	II	II	DD	SS
Silmer G-162F	Cyclopentasiloxane (and) Dimethicone/Vinyl Dimethicone Crosspolymer (and) Perfluorononyl Dimethicone	II	II	II	II	SD	SS
Silmer G-162Q	Cyclopentasiloxane (and) Dimethicone/Vinyl Dimethicone Crosspolymer (and) Trimethylsiloxysilicate	II	II	II	II	SD	SS
Silmer G-162-F5	Dimethicone (and) Dimethicone/Vinyl Dimethicone Crosspolymer	II	II	II	II	SS	II

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		Water	Mineral Oil	Isopropyl Alcohol	Isopropyl Myristate	Dimethicone Fluid 350 cps	Cyclomethicone
Cationic Silicone Emulsifiers							
Silquat J2-2B	Distearmonium/Diethonium Chloride PG Dimethicone	SD	SS	SS	DI	DD	DI
Silquat J2-4B	Distearmonium/Diethonium Chloride PG Dimethicone	DD	SS	SS	DD	DD	DI
Silquat J2-6B	Distearmonium/Diethonium Chloride PG Dimethicone	DD	SS	SS	SS	DD	DI
Silquat J2-8B	Distearmonium/Diethonium Chloride PG Dimethicone	DI	SS	SS	SS	DD	DI

Silicone Wetting Agents

Silsurf A208	PEG-8 Dimethicone	SS	II	SS	DI	DD	II
Silsurf B208	PEG-8 Dimethicone	SS	II	SS	DI	DD	II
Silsurf C208	PEG-8 Dimethicone	SS	II	SS	DI	DD	II

Cationic/Anionic Complex

SilPlex J2-S	Silicone Quaternium-20	SS	II	SS	SS	II	II
SilPlex J2-S-PG	Silicone Quaternium-20	SS	II	SS	SS	II	II
SilPlex 25-S	Silicone Quaternium-24	SS	SS	SS	SD	DD	DD

Anionic Silicone

Silube CS-1	Dimethicone PEG-8 Succinate	SS	II	SS	II	DI	II
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		Water	Mineral Oil	Isopropyl Alcohol	Isopropyl Myristate	Dimethicone Fluid 350 cps	Cyclomethicone
Emulsifiers							
Silube J208-212CG	Lauryl PEG-8 Dimethicone	SS	II	SS	II	II	II
Silube J208-412CG	Lauryl PEG-8 Dimethicone	DD	II	SS	II	II	II
Silube J208-612CG	Lauryl PEG-8 Dimethicone	II	II	SS	SS	II	II
Silube J208-812CG	Lauryl PEG-8 Dimethicone	II	SS	SD	SS	II	DI
Silsurf 400R	Cyclopentasiloxane (and) PEG/PPG-18/18 Dimethicone	II	II	SS	SS	SD	SS
Silube T308-16	Cetyl PEG/PPG-10/1 Dimethicone	II	SS	SS	SS	II	SD
Silube T308-16-CG	Cetyl PEG/PPG-10/1 Dimethicone	II	SS	SS	SS	II	SD
Silube T310-A-16	Cetyl PEG/PPG-10/1 Dimethicone	II	SS	DI	SS	DD	SD
Silube J208-2I	PEG-8, PPG-8 Dimethicone	SS	II	SS	II	II	II
Silube J208-4I	PEG-8, PPG-8 Dimethicone	DI	DI	SS	DD	DI	II
Silube J208-6I	PEG-8, PPG-8 Dimethicone	II	DI	SS	DD	DI	II
Silube J208-8I	PEG-8, PPG-8 Dimethicone	II	II	SS	SS	II	II
Silube J1015-O-212	Lauryl PEG/PPG-18/18 Dimethicone	SS	DI	SS	SS	DD	DI
Silube J1015-O-812	Lauryl PEG/PPG-18/18 Dimethicone	II	DI	SS	SS	DD	SD

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		Water	Mineral Oil	Isopropyl Alcohol	Isopropyl Myristate	Dimethicone Fluid 350 cps	Cyclomethicone
Multi-Domain Alkyl Dimethicone							
Silwax D221M	Cetyl/Hexacosyl Dimethicone	II	II	II	II	II	II
Silwax J219M	Cetyl/Hexacosyl Dimethicone	II	SS	II	II	II	II
Silwax J221M	Cetyl/Hexacosyl Dimethicone	II	SI	II	II	II	II
Silicone Emulsions							
Siltech E-2145-35	Amodimethicone	A 35% active amino silicone emulsified with non-ionic emulsifiers. Provides a durable shine and conditioning to hair care and other products. Can be used as is or at diluted concentrations.					
Siltech E-2148	Amodimethicone (and) Trideceth-12 (and) Cetrimonium Chloride	Especially formulated to provide superior condition to hair and skin products. The amino functionality as well as the cationic emulsifier forces the polymer from the emulsion onto these surfaces providing efficacy of use and a soft long lasting feel.					
Siltech E-2149	Amodimethicone (and) Cetrimonium Chloride (and) Trideceth-12	Especially formulated to condition to hair and skin products. The amino functionality as well as the cationic emulsifier forces the polymer from the emulsion onto these surfaces providing efficacy of use and a soft long lasting feel.					
Resins							
Siltech 105	Cyclopentasiloxane (and) Dimethiconol	II	DI	II	II	SS	SS
Siltech 1050	Dimethicone (and) Dimethiconol	II	II	II	SS	SS	SS
Silmer UR-5050	Bis-Hydroxypropyl Dimethicone/SMDI Copolymer	II	II	SS	SS	DI	SS

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Cationic Silicone							
Silquat AD	Silicone Quaternium-8	SS	II	SS	II	DI	II
Silquat J208-1B	PEG-8 Distearmonium Chloride PG-Dimethicone	SS	II	SS	II	II	II
Silquat CR 4000	Dimethicone-PG Diethylammonium Chloride (and) Hexylene Glycol	SS	DI	SS	II	DI	DI
Silamine 2972	Bis-Aminopropyl Dimethicone	II	II	SS	SS	SS	SS
Silquat 4016	Water, Dimethicone-PG Diethylammonium Chloride, Ctrimonium Chloride, and 1,3-propanediol	SS	DI	SS	II	II	II

Non-Silicone							
Siltech CE-2000	Trioctylododecyl Citrate	II	SS	SS	SS	DI	SS

Invert PEG/PPG-Free Silicone Emulsifier							
Silube 316	TMP Lauryl Dimethicone	II	SS	SS	SS	DD	DD

MQ Resins							
Silmer Q12 IDD	Trimethylsiloxysilicate (and) Isododecane	II	ID/ID	SS	SS	SS	SS
Silmer Q20	Trimethylsiloxysilicate	II	SS	SS	SS	SS	SS
Silmer Q25	Trimethylsiloxysilicate	II	SS	SS	SS	SS	SS

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		Water	Mineral Oil	Isopropyl Alcohol	Isopropyl Myristate	Dimethicone Fluid 350 cps	Cyclomethicone
Alkyl Dimethicone							
Silwax B116	Cetyl Dimethicone	II	SS	II	SS	II	SS
Silwax H416	Cetyl Dimethicone	II	SS	II	SS	II	SS
Silwax D222	Behenyl Dimethicone	II	SI	II	II	II	II
Silwax J1032	C32 Alkyl Dimethicone	II	SS	II	II	II	SD
Silwax Di-5026	Ceretyl Dimethicone	II	SS	SI	SS	SI	SS
Silwax 3H-MS	Phenylisopropyl Dimethicone	II	SS	SS	SS	SD	SD
Silwax D0-MS							
Silwax D02	Ethyl Methicone	II	SS	SS	SS	SS	SS
Silube CR-1	Polydecene (and) Cetyl Dimethicone/ Bis-Vinyldimethicone Crosspolymer	II	SS	SS	SS	II	SS
Silwax CR-5016	Cetyl Dimethicone/ Bis-Vinyldimethicone Crosspolymer	II	SS	II	SS	II	SS
Silwax CR-5022	Behenyl Dimethicone/ Bis-Vinyldimethicone Crosspolymer	II	SS	II	II	II	SS

Fluoro Silicones							
Fluorosil J15	Perfluorononyl Dimethicone	II	II	DD	SS	SS	SS
Fluorosil L118	Perfluorononyl ethyl Stearyl Dimethicone	II	SS	II	SS	DI	DI



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