

Silicone emulsions for Hair Care



Based on its silicon-technology access, BRB is providing an increasing range of various silicones emulsions that address the various challenges of hair care formulators to finalize performant products.

The following selection guide will help you to identify the right emulsion within our portfolio to match today's challenge.

	BRB 1018	BRB 1288 / 1292	BRB 1298	BRB 5446	BRB 9719	BRB 5834
Description	Macro-emulsion of an Ultra high viscosity polymer	Macro-emulsion of an amine-functional silicone polymer	Micro-emulsion of an aminofunctional silicone polymer	Micro-emulsion of a quaternary ammonium functional silicone	Macro-emulsion of a high viscosity polymer	Microemulsion of Phenyl Trimethicone and a quaternary ammonium functional silicone
INCI Name	Dimethiconol (and) TEAdodecylbenzenesulfonate	Amodimethicone (and) Trideceth-12 (and) Cetrimonium Chloride	Amodimethicone (and) Trideceth-7 (and) Trideceth-5 (and) Propylene Glycol (and) Trideceth-12	Silicone Quaternium-17 (and) Trideceth-7 (and) Trideceth-5	Dimethicone (and) Laureth-4 (and) Laureth-23 (and) Salicylic acid	Phenyl Trimethicone (and) Laureth-4 (and) Silicone Quaternium-17 (and) Laureth-23
Emulsifier Type	Anionic	Cationic	Non-ionic	Non-ionic	Non-ionic	Non-ionic
Silicone content	60%	35% / 50%	20%	15%	50%	22%
Viscosity (25°C)	200 cSt	5 cSt / 200 cSt	30 cSt	20 cSt	5000 cSt	
Preservative	Phenoxyethanol	Phenoxyethanol	Caprylyl glycol and Phenethyl alcohol	Phenoxyethanol	Salicylic acid	Preservative free
Primary Applications						
Shampoo	x		x	x	x	x
Conditioner Rinse off	x	x	x	x	x	x
Conditioner Leave In		x	x	x	x	x
Styling		x	x	x	x	x
Use level	0,5 to 4%	0,5 to 2%	0,5 to 2%	2 to 10%	0,5 to 4%	1 to 4%
Conditioning level	medium	high	high	high	medium	high
Formulation benefits	low cost, ease of use	ease of use	clear systems, preservative free	clear systems, ease of use	low cost, ease of use	clear systems, preservative free
Performance benefits	ease of detangling, shine, silkiness	ease of detangling, smooth & soft dry feel, shortens hair drying time	ease of detangling, color protection	ease of detangling, heat protection, color protection, no build up effect	ease of detangling, shine, softness	ease of detangling, excellent gloss, excellent wet combing, softness