

## Guide Formulation

# Moisturizing hair styling powder with AEROSIL® R 812 S

An innovative formulation using Evonik's "dry water" technology

PHASE	INGREDIENTS	INCI NAME	% W/W	FUNCTION
1		Water	6.0	Water
		Preservative	q.s.	Preservative
		VP/VA copolymer	2.0	Active ingredient
		Glycerin	80.0	Humectant
2	AEROSIL® R 812 S	Silica silylate	12.0	Stabilizer
		<b>Total</b>	<b>100.0</b>	

## PROCESSING

- Add VP/VA copolymer to a mixture of water and preservative while stirring
- Add the glycerine to the VP/VA copolymer/water mixture while stirring
- Add AEROSIL® R 812 S and disperse with dissolver (cowles blade) or rotor stator system, until a powder is obtained

**Note:** All formulations have been subjected to stability tests and have been shown to perform well. However, formulators should always perform their own stability tests when adapting formulations and/or using raw materials from other sources.

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