

Anti-frizz effect, silky hair and deep nourishment with PARAFOL 10 RSPO-MB and PARAFOL 22 PF

HIGHLIGHT FORMULATION

No. 17382

Leave-in hair conditioner spray

Formulate with lightweight emollients that replace traditional silicones

The ingredients in this leave-in formulation create an ultra-light texture, that spreads effortlessly through the hair, noticeably enhancing combability. COSMACOL EMI improves silkiness and overall manageability of the hair. PARAFOL 10 RSPO-MB ensures exceptionally easy distribution, as this fast-spreading oil enables instant, even application without weighing the hair down. The added conditioning effect comes from PARAFOL 22 PF, which is specifically used as a replacement for traditional dimethicone – resulting in well-groomed, silky, shiny hair and a pleasant hair feel. At its core, the formula features CARINEX SL A, an ultra-mild, microbiome-friendly bio-surfactant that gently cleanses while supporting scalp health.

Phase	Trade name	Supplier*	INCI name	Weight [%]	Function
A	**CARINEX SL A**	**1**	**Glycolipids**	**2.0**	**Ultra-mild, multifunctional biosurfactant**
	Demin. water		Aqua (EU) / Water (US)	Add to 100	
	Glycerin		Glycerin	1.0	Humectant
	Genamin CTAC 50	8	Cetrimonium Chloride	2.0	Quaternary conditioning agent
B	**NAFOL 1618 H RSPO-MB**	**1**	**Cetearyl Alcohol**	**3.0**	**Co-emulsifier, consistency regulator**
	COSMACOL EMI	**1**	**Di-C12-13 Alkyl Malate**	**0.3**	**Moisturizing emollient**
	PARAFOL 10 RSPO-MB NEW	**1**	**Decane**	**1.0**	**Highly volatile, fast spreading emollient, replacement for Isododecane and Trisiloxane**
	PARAFOL 22 PF	**1**	**Docosane**	**0.5**	**Replacement for Dimethicone, secondary hair conditioning agent**
	Argan oil	32	Argania Spinosa Kernel Oil	0.1	Emollient, skin conditioning
	Genamin BTLF	8	Behentrimonium Chloride	0.5	Quaternary conditioning agent
C	Hydrolite-5	93	Pentylene Glycol	4.0	Humectant
	Propylene Glycol		Propylene Glycol	3.0	
	Preservative			q.s.	
	Panthenol (w=0.75)		Panthenol	1.0	Active care agent

Preparation:

1. Heat phase (A) and (B) separately to 70°C.
2. Add phase (B) to (A) under stirring.
3. Cool to 35°C and add phase (C) and homogenize.
4. Adjust the pH-value.

Viscosity (Haake, RheoStress 1, 1 s^{-1}):
~ 2,000 mPas, 25°C, pH 5-6

Storage stability in terms of appearance:
Stable at room temperature, 5°C, 40°C, and 50°C for at least 3 months.

Appearance:
Opaque, off-white

***Supplier:**
1 Sasol Chemicals
8 Clariant
32 Gustav Heess
93 Symrise

Products designed for next-generation beauty formulations

For further information, please contact us: **chemicals.sasol.com**

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