



Mild and gentle hair conditioner

No. 16527

Defend your hair against the effects of sun exposure, hair dyes, and straightening with our gentle conditioner. Our products boast the benefits of ultra-mild biosurfactants, CARINEX SL A and CARINEX SL L, alongside the fast-spreading emollient PARAFOL 12 RSPO-MB – all serving as effective hair conditioning agents. This versatile treatment not only simplifies your shower routine, creating extra space, but also takes your hair care to unprecedented levels. **Hello, happy hair!**

Phase	Trade name	Supplier*	INCI name	Weight [%]	Function
A	Water		Aqua (EU) / Water (US)	Add 100	Solvent
	Preservative			q.s.	Preservative
	Genamin CTAC 50	8	Cetrimonium Chloride	2.00	Antistatic
	N-Hance 3196	84	Guar Hydroxypropyltrimonium Chloride	0.50	Film forming
A1	Solagum Tara	70	Caesalpinia Spinosa Gum	0.50	Viscosity controlling
B	GALENOL 1618 AE RSPO-MB	1	Cetearyl Alcohol (and) Ceteareth-20	5.00	Nonionic self-emulsifying mixture for O/W - emulsions
	Genamin BTL F	8	Behentrimonium Chloride	1.00	Hair conditioning
	PARAFOL 12 RSPO-MB	1	Dodecane	2.0	Fast spreading emollient, replacement for cyclomethicone, skin conditioning
	Argan oil	32	Argania Spinosa (Argan) Kernel Oil	0.50	Hair conditioning
	COSMACOL OE	1	Dicaprylyl Ether	0.50	Very light, good spreading emollient
	NAFOL 1618 H RSPO-MB	1	Cetearyl Alcohol	3.00	Co-emulsifier, consistency regulator
	Tocopheryl Acetate	90	Tocopheryl Acetate	0.50	Antioxidant
	C	95	Aloe Vera Gel	0.20	Skin protecting
			CARINEX SL A		
			CARINEX SL L		
	Biotin	64	Biotin	0.01	Active Ingredient
	Glycerin	100	Glycerin	3.00	Humeactant
D	Perfume Care	27	Parfum (EU) / Fragrance (US)	0.50	Perfume

Preparation:

- Heat phase (A) to 75-80°C.
- Once phase (A) has warmed up, add solagum tara.
- Heat phase (B) to 75-80°C, add phase (B) to (A) and homogenize for 2 min. at 12.000 rpm.
- Cool down to 40°C under stirring and add phase (C) + (D) at 30 °C homogenize 1.5 min at 10.000 rpm.
- Adjust pH, if necessary.

Viscosity (Haake, RheoStress 1, 1 s⁻¹):
~ 13.000 mPas, 25°C

pH: 6.0 +/-0.5

Storage stability in terms of appearance:
Stable at room temperature, 8°C and 40°C for at least 3 months

Appearance:
opaque

*Supplier:

- Sasol Chemicals
- Clariant International.
- Givaudan
- Gustav Heess
- DSM .
- Seppic
- Ashland
- Thermo Fischer Scientific
- CAESAR & LORENTZ
- VWR International