

QUARTZ

Clear conditioner



iff

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QUARTZ

This water-based, silicone-free and transparent hair conditioner will help to detangle your locks. It rinses off easily and leaves hair easy to comb without weighing it down. It combines AURIST™ AGC, a new-to-the-world, readily biodegradable, cationic hair conditioning biopolymer for improved combability*, and GENENCARE® actives to help protect and strengthen hair and scalp* for healthier-looking hair.

The Quartz line is a premium experience beyond cleansing of hair, delivering on sustainability. It comprises three products: a sulphate-free shampoo, a clear conditioner, and a hair serum. All three products are crystal clear and have high natural origin indices.

Active ingredients

- 4% GENENCARE® OSMS BA The Moisturizing Osmolyte, betaine, for hair strengthening and scalp care*. Upcycled Certified™ ingredient from sugar beet.
- 2% GENENCARE® OSMS MI The Energizing Osmolyte, inositol, helps to improve skin oxygenation and stimulate cells metabolism*. Upcycled Certified™ ingredient from sugar beet.
- 2,2 % AURIST™ AGC Readily biodegradable cationic biopolymer for hair conditioning*.
- Silicone-free

Usage

After shampoo, apply a generous amount to your hair length, focusing on mid shaft and ends. Comb through with your fingers. Rinse off thoroughly with water.

IFF Fragrance

Pure Care – Floral Musk – A natural and soft fragrance highlighting a transparent and caring floralcy refreshed with green and citrus top notes and wrapped in a powdery & musky dry down.

Certification

Formula eligible for Upcycled Certified™ certification from UFA in US and Canada.

Physico-chemical characteristics

- **Appearance:** Clear gel
- **Odor:** IFF Fragrance (Floral Musk)
- **pH:** 3,5-4,5
- **Viscosity:** 50 000-55 000 Cps
- **Stability:** @40°C and RT: 3 month minimum
- **NOI (ISO 16128):** 96,43%



*Per test results
#Natural Origin content, including water

PHASE	INGREDIENTS	INCI NAME	SUPPLIERS	%
A	DEMINERALIZED WATER	AQUA		Up to 100
	NATROSOL® 250 HHR PC	HYDROXYETHYLCELLULOSE	ASHLAND	1,3
B	PROCONDITION™ SATIVA	CANNABISAMIDOPROPYL DIMETHYLAMINE	INOLEX	1
	TEGO® AMID S 18	STEARAMIDOPROPYL DIMETHYLAMINE	EVONIK	1
C	PURAC® HI PURE 90	LACTIC ACID	CORBION	1,2
D	GENENCARE® OSMS BA	BETAINE	IFF	4
	GENENCARE® OSMS MI	INOSITOL	IFF	2
	AURIST™ AGC	WATER (AND) ALPHA-GLUCAN HYDROXYPROPYLTRIMONIUM CHLORIDE (AND) PROPYLENE GLYCOL	IFF	2,2
E1	DERMOFEEL® P-30 MB	PCA-GLYCERYL OLEATE	EVONIK	1
	TEGO® SOLVE 61 MB	POLYGLYCERYL-6 CAPRYLATE (AND) POLYGLYCERYL-3 COCOATE (AND) POLYGLYCERYL-4 CAPRATE (AND) POLYGLYCERYL-6 RICINOLEATE	EVONIK	5
E2	ORAMIX™ CG-110	CAPRYLYL/CAPRYL GLUCOSIDE	SEPPIC	5
	FRAGRANCE PURE CARE	PERFUME	IFF	0,8
F	ZEMEA®	PROPANEDIOL	COVATIONBIO PDO LLC	5
	PRESERVATIVE SYSTEM			qsp

Ref. MFD-2023-CC9

PROCEDURE

- Disperse HEC in demin water heated at 50°C and stir until fully hydrated. The dispersion must be viscous and clear without lumps.
- Add ingredients of Phase B into Phase A and heat Phase AB up to 85°C. Continue mixing until Phase B is completely melted. At this step the mixture has become white.
- Adjust to a 3,5 pH <math>< 4.5</math> with Phase C. The mixture must be clear again.
- Add the Phase D in the order listed and stir until fully dissolved.
- Prepare Phase E in a separate beaker. Add first ingredients of phase E1 and mix until homogeneous. Then add ingredients of Phase E2 and mix until homogeneous. The complete Phase E must be clear.
- Add Phase E slowly in the mixture while stirring. Continue to mix until homogeneous.
- Add ingredients of Phase F while stirring. Mix until homogeneous.
- Adjust the pH again to 3,5-4,5 if necessary.

*All Formulations and Procedures are illustrative only.

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Home & Personal Care

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