

# QUARTZ

## Hair Serum



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QUARTZ

Apply this leave-in serum on clean, damp or dry hair to control frizz or use as a detangling, conditioning tool. This water-based and silicone-free serum, with a high content of natural origin ingredients, features AURIST™ AGC, a new-to-the-world, readily biodegradable, cationic hair conditioning biopolymer for improved combability\*. This formula also contains GENENCARE® OSMS BA which helps to protect and care for hair by reducing broken hair and split ends\*.

**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

Start with one pump on your hand and adjust depending on the length of your hair. Apply on clean, wet or dry hair, focusing on mid-shaft and ends. Comb your hair to detangle.

### 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 drydown.

### 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:** 5,5-6,5
- **Viscosity:** 15 000 – 18 000 Cps
- **Stability:** @40°C and RT: 3 month minimum
- **NOI (ISO 16128):** 97,91%



\*Per test results  
#Natural Origin content, including water

PHASE	INGREDIENTS	INCI NAME	SUPPLIERS	%
A	DEMINERALIZED WATER	AQUA		Up to 100
	GENENCARE® OSMS BA	BETAINE	IFF	4
	GENENCARE® OSMS MI	INOSITOL	IFF	2
B	PULLULAN	PULLULAN	NAGASE & CO	1
C	SEPIMAX™ ZEN	POLYACRYLATE CROSSPOLYMER-6	SEPPIC	0,8
D	AURIST™ AGC	WATER (AND) ALPHA-GLUCAN HYDROXYPROPYLTRIMONIUM CHLORIDE (AND) PROPYLENE GLYCOL	IFF	2,2
	GLYCERINE PALM FREE	GLYCERIN	STEARINERIE DUBOIS	3
	ZEMEA®	PROPANEDIOL	COVATIONBIO PDO LLC	3
	Preservative			qsp
E	ETHANOL	ALCOHOL DENAT.	CARGILL	3,5
	FRAGRANCE PURE CARE	PERFUME	IFF	0,1
	TEGO® Solve 90	POLYGLYCERYL-6 CAPRYLATE (AND) POLYGLYCERYL-4 CAPRATE	EVONIK	3

Ref. MFD-2022-HS8

## PROCEDURE

1. Dissolve Phase A powders in demineralized water.
2. Disperse slowly Phase B ingredient in Phase A while stirring.  
Mix to get uniform system.
3. Disperse slowly Phase C ingredient in Phase AB while stirring.  
Mix to get uniform system.
4. Add slowly Phase D ingredients one by one in Phase ABC while stirring. Continue to mix until homogeneous.
5. Add all the ingredients of Phase E in a separate beaker.  
Mix to get uniform system.
6. Add slowly Phase E into Phase ABCD while stirring.  
Continue to mix until homogeneous and adjust pH if necessary.

\*All Formulations and Procedures are illustrative only.

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