

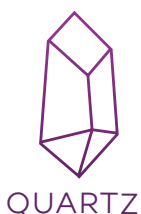
QUARTZ

Sulphate-free Shampoo



iff

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QUARTZ

This gentle, sulphate-free shampoo with a high content of natural origin ingredients is suitable for daily use. It is a clear formula that lathers beautifully. This formula combines GENENCARE® actives to help protect and care for hair and scalp*, and AURIST™ AGC, a new-to-the-world, readily biodegradable, cationic hair conditioning biopolymer for improved combability*.

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

Squirt a small amount of shampoo into your hand. Apply it to your scalp and massage until it forms a nice, foamy lather. Work the shampoo through the hair. Rinse your hair and scalp completely. Can be followed by the conditioner afterwards.

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:** 6,0 – 6,5
- **Viscosity:** 1 500-1 800 Cps
- **Stability:** @40°C and RT: stable 3 month minimum
- **NOI (ISO 16128):** 94,95 %



*Per test results
#Natural Origin content, including water

PHASE	INGREDIENTS	INCI NAME	SUPPLIERS	%
A	DEMINERALIZED WATER	AQUA (WATER)		Up to 100
	GENENCARE® OSMS BA	BETAINE	IFF	4
	GENENCARE® OSMS MI	INOSITOL	IFF	2
	RONACARE® SODIUM BENZOATE	SODIUM BENZOATE	MERCK	0,5
	RONACARE® POTASSIUM SORBATE	POTASSIUM SORBATE	MERCK	0,25
B	PLANTACARE® 1200	LAURYL GLUCOSIDE	BASF	10
	GENAGEN® 3 SB	COCO-BETAINE (AND) SODIUM METHYL COCOYL TAURATE (AND) SODIUM COCOYL ISETHIONATE	CLARIANT	15
	PROTELAN LS9011/SL	SODIUM LAUROYL SARCOSINATE	ZSCHIMMER & SCHWARZ	15
C	AURIST™ AGC	WATER (AND) ALPHA-GLUCAN HYDROXYPROPYLTRIMONIUM CHLORIDE (AND) PROPYLENE GLYCOL	IFF	2,2
	GLYCERINE PALM FREE	GLYCERIN	STEARINERIE DUBOIS	2
	FRAGRANCE PURE CARE	PERFUME	IFF	0,5
D	PURAC® HI Pure 90	LACTIC ACID	CORBION	0,6

Ref. MFD-2022-SF5

PROCEDURE

1. Dissolve Phase A powders in water slurry
2. Add slowly Phase B ingredients one by one in Phase A while stirring. Continue to mix until homogeneous.
3. Add slowly Phase C ingredients one by one in phase AB while stirring. Continue to mix until homogeneous.
4. Adjust pH to 6,0-6,5 and allow system to become uniform under mixing.

*All Formulations and Procedures are illustrative only.

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Home & Personal Care

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