SK 056

AQUA CLEAR NIACINAMIDE SERUM

This ultra-light niacinamide serum delivers a delicate, perceptible presence on the skin. Its refined, lightweight texture spreads effortlessly, leaving no white residue.
FLOCARE™ SK 425 ensures clarity and stability while creating a smooth, fluid sensorial experience. After absorption, the skin feels fresh, soft, and comfortable.

PHASE	TRADE NAME	INCI (EU)	FUNCTION	Wt. %
A	Deionized water	Aqua	Solvent	qsp 100
	Disodium EDTA	Disodium EDTA	Chelating agent	0.10
	Glycerin	Glycerin	Humectant	2.00
	Massocare Propanediol Nat MB [1]	Propanediol	Humectant	2.00
	FLOCARE™ SK 425 [2]	**Ammonium Polyacryloyldimethyl Taurate**	**Rheology modifier**	**0.70**
B	Niacinamide [3]	Niacinamide	Active ingredient	5.00
C	Citric Acid (50% solution)	Aqua, Citric Acid	pH adjuster	qs pH 4.8 – 5.2
D	Euxyl PE 9010	Phenoxyethanol, Ethylhexylglycerin	Preservative	1.00

Suppliers: [1] CQ Masso; [2] SNF; [3] Sigma-Aldrich

060226-1 CM

Process

- **Phase A :** Dissolve EDTA into water under stirring. Add glycerin and propanediol.
Slowly disperse FLOCARE™ SK 425 into the aqueous phase under high shear mixing. Continue stirring until the polymer is fully hydrated and a homogeneous, lump-free gel is obtained.
- **Phase B :** Add the active ingredient and mix until uniform.
- Adjust pH with **Phase C.**
- Add **Phase D** and mix until homogeneous.

Properties*

- **Appearance:** colorless clear serum
Transparency at @ 500nm ≥ 90%
- **pH:** 4.8-5.2
- **Viscosity**:** 2700 - 4500 cP
- **Stability:** Passed 2 months @ RT, 40°C and 1 month @ 50°C

* Measured after 24 hours
** Brookfield RVT, 20 rpm, spindle 4

Benefits *FLOCARE™ SK 425*

- Crystal clear formulations
- Pre-neutralized/ready to use powder
- Resistance to electrolyte

Note: Sufficient preservative system required. SNF doesn't guarantee microbiological stability.

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