



MINERALIS UN/ZN

NON-IRRITATING ANTI-DANDRUFF ACTIVE

Zinc is an exceptional trace element found in skin cells. It is an essential component for keratogenesis. Zinc is commonly used in personal care and specifically hair care.

PROPERTIES

- Zinc soothes scalp irritation thanks to its anti-inflammatory properties
- Zinc also stimulates/repairs cutaneous tissues and limits rashes, psoriasis and eczema
- Zinc undecylenate prevents fungi and bacteria development, eliminating dandruff

ANTI-DANDRUFF SHAMPOO WITH MINERALIS UN/ZN

MINERALIS UN/ZN fights against dandruff thanks to its anti-bacterial & anti-fungal properties.

Phases	Name	INCI Name	% w/w
Phase A	EAU PURE	Aqua	54.2
	ACIDE LACTIQUE	Lactic acid	1
Phase B	PROTEOL APL	Sodium Cocoyl Apple amino acids	10
	AMONYL 675 SB	Cocamidopropyl hydroxysultaine	6
	PROTASORB L20	Polysorbate 20	7
	GLUCAMATE DOE 120	PEG 120 methylglucose dioleate	4
Phase C	MINERALIS UN/ZN	Zinc undecylenate	2
	AQUAXYL	Xylitylglucoside & anhydroxylitol & xylitol	3
	HUILE DE JOJOBA	Jojoba oil	2
	VERSTATIL BP	Phenoxyethanol, benzoic acid	0.8
Phase D	EAU PURE	Aqua	10
Phase E	TRIETHANOLAMINE	Triethanolamine	qsp pH 6
TOTAL			100

MODUS OPERANDI

- 1) Prepare A, C and D separately under stirring
- 2) Prepare B under stirring at 70°C
- 3) Add B to A
- 4) After cooling, add first C and after D to A+B
- 5) Adjust pH with E

MICROBIOLOGY EFFICACY

The efficacy of Mineralis UN/ZN has been tested against *Malassezia furfur*, fungi causing dandruff. Determination of the minimum inhibitory concentration (MIC in % of the product) has been compared to Piroctone Olamine and Pyrithione, two irritating anti-dandruff actives.

THINK ISALTIS, THINK MINERALIS!

HIGH PURITY MINERAL SALTS MANUFACTURER

- Meets global regulations & worldwide registered
- Manufactured in France and GMP compliant
- Dedicated team in cosmetic application

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