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Active defense rich Lotion, W/O

Claims:

Reduces inflammations
Acts as an antioxidant
Minimizes stress induces skin damage
Improves skin hydration
Minimizes photo-aging
Promotes collagen expression

Phase	Ingredient (our mat. no. in brackets)	INCI	Supplier	Dosage [%]
A	Dermofeel® PGPR	Polyglyceryl-3 Polyricinoleate	Evonik	5,00
	Cupuacu Butter (deodorized) (7316)	Theobroma Grandiflorum Seed Butter	Selco	5,00
	Ascorbyl Tetraisopalmitate (Proj.434)	Ascorbyl Tetraisopalmitate	Selco	2,00
	Ferulic Acid synthetic (5002)	Ferulic Acid	GfN	0,30
	Dermofeel® sensolv	Isoamyl Laurate	Evonik	8,00
	Sunflower Oil, high oleic, ref.	Helianthus Annuus Seed Oil	Henry Lamotte Oils GmbH	3,00
	Squalan ref.	Squalane	Henry Lamotte Oils GmbH	2,00
	Lanette® O	Cetearyl Alcohol	BASF	2,50
	Beeswax, white	Cera Alba	Henry Lamotte Oils GmbH	2,00
	Dermofeel® Go Soft	Polyglyceryl-2 Sesquioleate	Evonik	1,00
B	Deionised Water	Aqua	/	46,75
	Blanova Zinculfate-Heptahydrat EP	Zinc Sulfate	Merck	1,00
	Superoxide Dismutase (7359)	Superoxide Dismutase, Maltodextrin	Selco	0,50
C	Glycerin 99,5% (GMO-free)	Glycerin	Cremer Oleo GmbH & Co.KG	7,00
	Dermosoft® 1388, ECO	Glycerin, Aqua, Sodium Levulinate, Sodium Anisate	Evonik	3,00
	Dermosoft® GMCY	Glyceryl Caprylate	Evonik	0,70
D	AGSE (Activated Grape Seed Extract) 10% L (7350)	Propanediol, Vitis Vinifera Seed Extract	Selco	10,00
E	Lemongras essential oil	Cymbopogon Flexuosus Herb Oil	Primavera	0,25
	Citric Acid Solution (10% in water)	Aqua, Citric Acid	/	q.s.
				100,00

Production Process:

1. Heat phase A up to 80°C.
2. Phase B: Dissolve Blanova Zinculfate-Heptahydrat EP and Superoxide Dismutase in water at room temperature.
3. Add phase C to phase B and heat the mixture up to 80°C. Adjust pH ~ 5,5 with citric acid solution (10%) if necessary.
- 4 Add phase B/ C very slowly to phase A under Ultra-Turrax® (4.000 rpm, ~10 minutes) until you get a smooth texture.
4. Cool down to room temperature under stirring (paddle-mixer). Add phase D below 35°C until you get a smooth texture.
5. Add phase E under stirring and homogenize with an Ultra-Turrax® (4.000 rpm, ~1 minutes) for a short time.

Specification Values:

Appearance: red to brownish emulsion
pH-value: 4,5 – 5,5 (water-phase)
Viscosity: 7.000 ~ 9.000 mPas, Spindle 2, 20 rpm
Stability: in test
Microbiology: proven

Disclaimer :

We provide information and advice to our customers on application technologies and regulatory matters to the best of our knowledge and ability, but without obligation or liability. Existing laws and regulations are to be observed in all cases by our customers. This also applies in respect to any rights of third parties. Our information and advice do not relieve our customers of their own responsibility for checking suitability of our products for the envisaged purpose.