



Deo Roll-on Emulsion with CORN PO4 PH"B" non-perfumed

developed by Dr. Hauser GmbH

O/W-Lotion, without alcohol, soft non-sticky emulsion, with two deo active ingredients.
For sensitive skin.

Ingredients	INCI-Name	%w/w	Supplier
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Phase A

Emulgin B1	Cetareth-12	1,50	BASF
Emulgin B2	Cetareth-20	1,50	BASF
Cutina GMS	Glyceryl Stearate	0,50	BASF
Eutanol G	Octyldodecanol	6,50	BASF

Phase B

Water dem.	Aqua	78,80	
Phenonip	Phenoxyethanol, Methylparaben, Ethylparaben, Propylparaben, Butylparaben, Isobutylparaben	0,60	Clariant
Irgasan DP 300	Triclosan	0,30	Ciba Speciality
Carbopol Ultrez 10	Carbomer	0,20	Noveon Inc.
Cremophor RH 410	PEG-40 Hydrogenated Castor Oil	3,00	BASF
CORN PO4 PH"B"	Distarch Phosphate	6,00	AGRANA

Phase C

NaOH 10 %	Sodium Hydroxide	0,60	
Fragrance	Parfum	q.s.	
Farnesol	Farnesol	0,50	Lipo Chemicals Inc.
alpha-Bisabolol	Bisabolol	0,10	BASF



PROCEDURE

1. Phase A: Weigh all ingredients of Phase A and heat under stirring at 75 °C.
2. Phase B: Prepare Phase B by adding the ingredients in below mentioned order.
3. Disperse Carbopol in water under high stirring.
4. Add CORN PO4 PH "B" under intensive mixing until it is dispersed.
5. Add all other ingredients and heat at 75 °C and stir again for 10 minutes at 75 °C.
6. Add Phase A slowly under stirring (800 rpm) to Phase B. Homogenise for a few minutes.
7. Allow to cool down while stirring.
8. Add Phase C at 40°C.
9. Correct pH if necessary.

pH value: 6,0 – 6,5 (pH value correction with citric acid or sodium hydroxide).

Viscosity: 10-15 x 10³ mPas

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