



Hand Cream with CORN PO4 PH "B"

GUIDE FORMULATION

"Formulated and developed exclusive for SLI CHEMICALS by Dr. Lange
 and Mr. Frisch from DR. LANGE HAUT + HYGIENE"

Ingredients	INCI-Name	%w/w	Supplier
Phase A			
Aqua	Demin Aqua	71,54	
Glycerin 86,5 %	Glycerin	4,70	SLI Chemicals/Glaconchemie
CORN PO4 PH „B“	Distarch Phosphate	3,50	AGRANA
Allantoin	Allantoin	0,10	SLI Chemicals / Deretil
Phase B			
Edenor L 2 SM	Stearic / Palmitic Acid	1,00	Emery Oleochemicals
Lanette 16	Cetyl Alcohol	1,28	BASF
Bees wax white DAB	Cera Alba	0,50	Tromm
Lanette N	Cetearylalcohol; Sodium Cetearyl Sulphate	6,50	BASF
Cetiol PGL	Hexyldecanol, Hexyldecyl Laurate	2,50	BASF
Amaranth Oil	Amaranthus caudatus seed extract	4,00	SLI Chemicals/AMR Amaranth
Golden Jojoba Oil	Simmondsia Chinensis	0,30	SLI Chemicals/Desert Oil
Avocado Oil	Persea Gratissima (Avocado) Oil	0,30	Henry Lamotte
Butylparaben	Butylparaben	0,20	SLI Chemicals/Sharon
Phenochem	Methylparaben, Ethylparaben, Propylparaben, Butylparaben, Isobutylparaben, Phenoxyethanol	1,25	SLI Chemicals/Sharon



Phase C

NaoH 5%	Sodium Hydroxide	0,60	
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Phase D

Extrapon kamille Speziall	Aqua, ethoxydiglycol, propylene glycol, butylene glycol, glucose, lactic acid, bisabolol, chamomilla recutita	0,50	Cosnaderm
Controx KS C	Tocopherol and hydrogenated palm glycerides citrate	0,08	BASF
Panthenol 50 %	Panthenol 50 %	0,40	BASF
Vitamin E Acetate	Tocopheryl Acetate	0,30	BASF

PROCEDURE

1. Phase A: After Water und Glycerine present, the CORN PO4 PH"B" is then strewn whilst being heated to 70 – 80 °C for 10 Minutes and towards the end Allantoin added.
2. Phase B – the fat phase to be heated to 80 °C.
3. A + B – B whilst stirring to be homogenised, added to A, cooled.
4. C: At ~ 55 °C Caustic Soda should be added , homogenised / stirred.
5. A, B, C + D below 40 °C, the Camomile, Controx, Panthenol and Vitamin E Acetate as well as perfume, if needed, to be added und homogenised shortly.

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