

CA 1021 Deep Exfoliating Gel

Ingredients	%(w/w)	Functions	INCI designation	Supplier
<u>Phase 1</u>				
Deionised water	51.389			
Disodium EDTA	0.07	Chelating agent	Disodium Ethylenediaminetetraacetic acid	
Glycerine	5	Moisturizer	Glycerine	
Carbopol Aqua SF-1	2	Suspending agent		
Florabeads Jojoba 10/10, White	2	Exfoliator	Jojoba Esters	Floritech
<u>Phase 2</u>				
Sodium Hydroxide (50% Soln.)	1	pH regulator		
<u>Phase 3</u>				
Corum 35HP	3	Foam Booster	Cocomidopropyl Betaine	Corum
Corum 3510	5	Co-Surfactant	Disodium Laureth Sulfosuccinate	Corum
Corum 9807	5	Superfating agent	PEG-7 Glyceryl Cocoate	Corum
SLES N70	8.5	Surfactant	Sodium Lauryl Ether Sulfate	
Transcutol CG	5	Surfactant	Ethoxydiglycol	Gattefosse
<u>Phase 4</u>				
Corum 2355	1	Pealescent agent	Ethylene Glycol Distearate	Corum
<u>Phase 5</u>				
Acifructol Complexe P63	10	Gentle exfoliation	Propylene Glycol & Lactic acid & Water & Tomato Extract & Lemon Extract & Grapefruit Extract & Bilberry Extract & Citric acid & Malic acid	Gattefosse
Citric Acid	0.04	pH regulator	Citric acid	

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Ingredients	%(w/w)	Functions	INCI designation	Supplier
Salt	1	Viscosity modifier	Salt	
Coloring agent	0.001	Coloring agent		
Total	100			

Process:

1. Disperse all the ingredients in Phase 1 into water.
2. Use Phase 2 to adjust the pH of the system within 7-7.5
3. Then, add in all the ingredients in Phase 3 and stir homogenously.
4. Add in the ingredients in Phase 4 and heat the base to about 80°C and stir moderately until homogenously.
5. Cool while stirring.
6. Add in the ingredients in Phase 5 into Phase 1+2+3 at about the 40°C.
7. Use citric acid to adjust the pH of the system within 3.5-4 and salt to adjust the viscosity of the system until it reach desire viscosity.
8. Finally, use coloring agent to adjust the color of the base.

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