

Formulation

HA # PUL-002

Creamy foaming solution

Ingredients:

1	TEXAPON SB 3 KC	DISODIUM LAURETH SULFOSUCCINATE	COGNIS	14,00%	14,00%	14,00%
2	DEHYTON PK 45	COCAMIDOPROPYL BETAINE	COGNIS	3,50%	3,50%	3,50%
3	PROTELAN AGL95/PV	SODIUM LAUROYL GLUTAMATE	ZSCHIMMER & SCHWARZ	1,50%	1,50%	1,50%
4	PROTELAN LS 9011	SODIUM LAUROYL SARCOSINATE	ZSCHIMMER & SCHWARZ	2,00%	2,00%	2,00%
5	GREEN PARADISE FS EXTRA	FRAGRANCE	BELL FLAVORS & FRAGRANCES	0,40%	0,40%	0,40%
6	e-POLYLYSINE	POLYEPSILON-LYSINE	CHISSO / DKSH	0,10%	0,10%	0,10%
7	WATER	AQUA	-	78,50%	77,50%	76,50%
9	PULLULAN	PULLULAN	HAYASHIBARA	0,00%	1,00%	2,00%

pH = 5,94

Procedure:

Combine 1 - 5, mix until uniform = phase A ; Combine 6 and 7 = phase B ; Add 8 to A under agitation until uniform ; Poor B into A+8 slowly under stirring and mix until uniform ; Dissolve 9 into AB+8 until uniform

DKSH France SA.

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Particularity:

Pullulan creates an invisible film on the skin and leaves on after washing. It is extremely smooth even at low level and the film is not tacky.



Foam without Pullulan wets paper more than the formulation without Pullulan.



After 5 minutes, the foam produced by the formulation containing Pullulan is still up whereas the foam without Pullulan has disappeared.

Formulation develops by:

DKSH European Application Laboratory, Lyon – FRANCE September, 2011

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