



PENJAGAAN DIRI
RAWATAN RAMBUT



**SYAMPU MUTIARA
[SZ-02]**

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FASA	NAMA INCI	JENAMA	KEPEKATAN [%]	FUNGSI
A	Aqua		39,89	pelarut
	Citric acid		0,06	pengubahsuai pH
	Polyquaternium 10		0,15	agen penyaman udara
	Disodium Laureth Sulfosuccinate	EXOsoft L3/40	2,50	surfaktan
	Sodium Laureth Sulfate	SULFOROKAnol® L227/1	30,00	surfaktan
	Sodium Lauroyl Sarcosinate	ROKAtend LS	15,00	surfaktan
B	PEG-7 Glyceryl Cocoate	rokacet-ko300g	1,50	agen minyak semula
	PEG-120 Methyl Glucose Dioleate		1,00	agen pemekat
C	Parfum		0,50	wangian
	Ehylhexyl Glycerine, Phenoxyethanol		1,00	bahan pengawet
	Cocamidopropyl Betaine	ROKAmina®K30	6,00	surfaktan
D	Sodium Laureth Sulfate and Cocamide DEA and Glycol Distearate	EXOpearl N	1,00	agen mutiara
E	Sodium Chloride		1,40	pengubah kelikatan



pH		5.0 - 7.0
Penampilan	kaedah visual	likat, gel mutiara
Kelikatan [cP]	Brookfield LV, gelendong 34, kelajuan 2.5 RPM, T: 25°C	3000 - 6000
Kestabilan	1 bulan pada 5°C, RT, 40°C	disahkan

Prosedur:

1. Masukkan bahan dari fasa A ke dalam air panas (70-75°C). Semasa mengadun tambah bahan satu demi satu mengikut susunan dari jadual di atas. Gaul sehingga seragam. CATATAN. Tambah Polyquaternium-10 dan gaul sehingga cecair homogen diperolehi. Tambah baki komponen fasa A.
2. Sejukkan kumpulan ke sekurang-kurangnya 50°C.
3. Tambah PEG-120 Methyl Glucose Dioleate dan PEG-7 Glyceryl Cocoate semasa mencampurkan. Gaul sehingga seragam. Sejukkan kumpulan ke sekurang-kurangnya 35°C.
4. Tambahkan pewangi, Cocamidopropyl Betaine dan pengawet semasa mencampurkan. Gaul sehingga seragam.
5. Tambah agen mutiara. Gaul sehingga seragam.
6. Tambah NaCl untuk melaraskan kelikatan. CATATAN. Masukkan garam (bukan sekali gus) - selepas penambahan setiap bahagian gaul rata.
7. Kawal julat pH - jika perlu, tambahkan Asid Sitrik. Gaul rata selepas pelarasan.
8. Kawal kelikatan jika perlu, tambah Natrium Klorida.



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PCC Group
Sienkiewicza 4
56-120 Brzeg Dolny
Poland

e-mail: products@pcc.eu

