



PENJAGAAN DIRI
RAWATAN MUKA



**SCRUB MUKA BERKRIM
[KD-91]**

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FASA	NAMA INCI	JENAMA	KEPEKATAN [%]	FUNGSI
A	Ceteareth-12	ROKAnol®T12	1,50	pengemulsi
	Ceteareth-25	ROKAnol® T25	0,50	pengemulsi
	Cetearyl alcohol	Serpihan ExoAlc 1618	3,00	penstabil emulsi
	PPG-15 Stearyl ether	ROKAnol® SPI5L	6,00	emolien
	Caprylic/Capric Triglyceride		1,00	emolien
	Helianthus Annuus Seed Oil		5,00	emolien
	Butyrospermum Parkii Butter		0,50	emolien
	Tocopheryl Acetate		0,20	aktif
B	Aqua		73,68	pelarut
	Betaine		1,00	aktif
	Glycerin		4,00	pelarut
	Pentylene Glycol		2,00	pelarut
	Magnesium Aluminum Silicate		0,10	pengubahsuai reologi
C	Acrylates/C10-30 Alkyl Acrylate Crosspolymer		0,27	pengubahsuai reologi
D	Phenoxyethanol, Methylparaben, Ethylparaben, Propylparaben		0,50	bahan pengawet
	Sodium Hydroxide		0,10	pelaras pH
E	Parfum		0,30	wangian
	Cellulose acetate		0,35	melelas



pH		5.0 - 7.0
Penampilan	kaedah visual	emulsi dengan zarah gosok
Kestabilan	1 bulan pada 5°C, RT, 40°C	disahkan

Prosedur:

1. Dalam bekas utama gabungkan bahan-bahan dari fasa B. Tambah Pentylene Glycol, Gliserin, Betaine ke dalam air. Masukkan Magnesium Aluminium Silicate semasa mengadun. Gaul selama 10 min - 150-200 RPM. Homogen dengan 2000- 3000 RPM, 5-6 min.
2. Tambah Acrylates/C10-30 Alkyl Acrylate Crosspolymer semasa mencampurkan. Gaul selama 10 min - 100-150 RPM. Homogen dengan 700-1000 RPM, 60-90 saat.
3. Dalam bekas berasingan gabungkan bahan-bahan dari fasa A.
4. Panaskan fasa A dan B kepada 75-80°C.
5. Tambahkan A ke dalam B, sambil mengadun, simpan A/B pada suhu 75-80°C. Homogen dengan 2000-3000 RPM, 120 saat.
6. Sejukkan batch hingga 50°C semasa mengadun. Masukkan bahan fasa D semasa mengadun. Homogen dengan 2500-3000 RPM, 120 saat.
7. Sejukkan batch hingga 25°C semasa mengadun.
8. Tambah Parfum dan pelelas semasa mengadun. Gaul sehingga seragam.



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PCC Group
Sienkiewicza 4
56-120 Brzeg Dolny
Poland

e-mail: products@pcc.eu

