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Sunflower Facial Scrub

Products highlighted: Florasolvs® PEG -10 Sunflower, Floraesters® 30, Floraesters 20, Floraesters K-20W Jojoba, Florabeads® Jojoba

A unique scrub formulation which combines gentle exfoliation of Florabeads, the make-up solubilization and emolliency properties of Florasolvs PEG-10 Sunflower, and the extremely mild detergency of Disodium Oleamido MEA-Sulfosuccinate (Mackanate OM).

Phase	Trade Name	INCI Name	Supplier	%wt./wt.
A.	Deionized Water	Water (aqua)		Q.S.
	Natrasol Plus	Cetyl Hexyl Ethy Cellulose	Hercules	0.30
	Glycerin USP 96%	Glycerin	Acme-Hardesty	8.00
	Carbowax Sentry® Polyethylene Glycol 400 NF, FCC	PEG-8	Dow	2.00
	Florasolvs PEG-10 Sunflower	PEG-10 Sunflower Glycerides	Floratech	2.00
	Versene Na2	Disodium EDTA	Dow	0.02
	Mackanate OM	Disodium Oleamido MEA-Sulfosuccinate	McIntyre	3.00
B.	Floraesters 30	Jojoba Esters (and) Tocopherol	Floratech	2.00
	Floraesters 20	Jojoba Esters (and) Tocopherol	Floratech	5.00
	Lipo EGDS	Glycol Distearate	Lipo	1.20
	Pristerene 4911	Stearic Acid	Uniqema	3.00
	Lanette 16	Cetyl Alcohol	Cognis	1.50
	Emulgade F	Cetearyl Alcohol (and) PEG 40 Castor Oil (and) Sodium Cetearyl Sulfate	Cognis	1.50
C.	Floraesters K-20W Jojoba	Hydrolyzed Jojoba Esters (and) Water (Aqua)	Floratech	8.50
	Deionized water	Water	-----	3.00
D.	Preservative	-----		Q.S.
	Merquat 550	Polyquaternium-7	Calgon	1.00
E.	Florabeads Jojoba 28/60¹	Jojoba Esters	Floratech	6.00
			TOTAL:	100.00

Mixing Procedure

1. Disperse Natrasol Plus into water of Phase A with high-speed propeller agitation or eduction. Heat to 75-80°C.
2. Add remaining ingredients in Phase A in order listed with moderate propeller agitation. Maintain 75-80°C.
3. Combine ingredients of Phase B with moderate agitation (sweep or propeller) and heat to 75-80°C.
4. Add Phase B slowly to Phase A with moderate propeller agitation. Begin cooling to 40°C while agitating with propeller and side sweep.
5. Add ingredients of Phase C to neutralized Phase AB.
6. Add premixed ingredients of Phase D. Cool batch to room temperature with sweep agitation.
7. Blend in Florabeads of Phase E with propeller agitation.

¹ Any color or combination of colors.

Note: The information herein is based on our research and the research of others and is believed to be accurate. No guarantee of their accuracy is made and the products discussed are sold without warranty, expressed or implied, and upon condition that purchasers shall make their own tests to determine the suitability of such products for their particular purposes. Likewise, statements concerning the possible use of these products are not intended as recommendations to use these products in infringement of any patent.