

FLORATECH® ASIA
 6 FL., NO. 360, RUEI GUANG ROAD
 NEIHU, TAIPEI, TAIWAN, ROC
 PHONE: 886 2 8751 6060
 FAX: 886 2 8751 6363

FLORATECH® AMERICAS
 291 EAST EL PRADO COURT
 CHANDLER, ARIZONA 85225
 PHONE: 480-545-7000
 FAX: 480-892-3000

FLORATECH® EU
 VIA TANARO 15, 20017 RHO
 MILAN, ITALY
 PHONE: 39 02 93 04946
 FAX: 39 02 93 50 8238

see www.floratech.com to find your local Floratech representative

Foaming Cleansing Scrub

Products highlighted: Florasolvs® PEG-80 Jojoba, Floraesters® 30, Floraesters 20, Floraesters K-20W Jojoba, Florabeads® Jojoba

This foaming cleansing scrub formulation combines gentle exfoliation of Florabeads, the make-up solubilization and emolliency properties of jojoba esters, and the extremely mild detergency of Disodium Oleamido MEA-Sulfosuccinate.

Phase	Trade Name	INCI Name	Supplier	%wt./wt.
A.	Deionized water	Water		Q.S.
	Natrasol Plus	Cetyl Hydroxyl Ethyl 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-80 Jojoba	Jojoba Wax PEG-80 Esters	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
	Priesterene 4911	Stearic Acid	Uniqema	4.00
	Lanette 16	Cetyl Alcohol	Cognis	1.50
	Emulgade F	Cetearyl Alcohol (and) PEG-40 Castor Oil (and) Sodium Cetearyl Sulfate	Cognis	0.50
C.	Floraesters K-20W Jojoba	Hydrolyzed Jojoba Esters (and) Water (Aqua)	Floratech	8.50
	Deionized water	Water	-----	3.00
	Merquat 550	Polyquaternium-7	Nalco	1.00
D.	Fragrance	Fragrance		Q.S.
	Preservatives	-----		Q.S.
	Florabeads Jojoba¹ 28/60	Jojoba Esters	Floratech	3.00
			TOTAL:	100.00

Mixing Procedure:

1. Disperse Natrasol Plus into water of Phase A with high-speed propeller agitation. 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 Phase B ingredients with moderate agitation (sweep or propeller) and heat to 75-80°C.
4. Add Phase B slowly to Phase A with moderate propeller agitation.
5. Neutralize Phase AB by adding K-20W premixed with water. Then add Merquat 550. Begin cooling to 40°C while agitating with propeller.
6. At 40°C, add fragrance and preservatives. Cool batch to room temperature with propeller agitation. Blend in Florabeads of Phase C with sweep agitation.

¹ Any color or combination of colors may be used.

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.

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