



FOAMING BODY SCRUB WITH NATUREBEAD R20 AND NATUREGREEN 20RS

<u>Product Name</u>	<u>INCI Name</u>	<u>%W/W</u>	<u>Supplier</u>
Phase A			
Deionized Water	Water	57.04	N/A
Disodium EDTA	Disodium EDTA	0.05	N/A
Phase B			
Butylene Glycol	Butylene Glycol	3.50	N/A
Gelcarin PC-379 (Carrageenan)	Chondrus Crispus	0.56	Earth Supplied Products
Keltrol CG-T	Xanthan Gum	0.28	CP Kelco
Phase C			
Farmal 2656	Saccharide Hydrolysate	8.00	Cosmetic Specialties
Colamate DSLS	Disodium Laureth Sulfosuccinate	16.00	Colonial Chemical
Plantaren 2000	Decyl Glucoside	9.00	Cognis
Glypure L 70%	Glycolic Acid	0.20	Dupont
Phase D			
Beautifruit	Hydrolyzed Mango Juice Extract (&) Hydrolyzed Garcinia Mangostama Fruit Extract (&) Hydrolyzed Anona Cherimola Fruit Extract	3.00	Presperse LLC
Euxyl K-100	Benzyl Alcohol (&) Methylchlorisothiazolinone (&) Methylisothiazolinone	0.50	Schulke & Mayr
Ginger Spice XBF-800060	Fragrance	0.15	IFF
FD&C BLUE #1, 1.0% aqua	Blue 1	0.01	N/A
FD&C YELLOW #5 1.0% aqua	Yellow 5	0.01	N/A
Naturbead R20	Oryza Sativa (Rice) Bran Wax	1.25	Micro Powders, Inc.
Naturegreen 20RS	Oryza Sativa (Rice) Bran Wax (&) Chromium Hydroxide Green	0.25	Micro Powders, Inc.
Cosmospheres GT-S	Lactose (&) Microcrystalline Cellulose (&) Chromium Hydroxide Green (&) Tocopheryl Acetate	0.20	Presperse LLC

Procedure

1. Combine Phase A in main mixing kettle following the listed order with medium prop mixing. Mix for 5 to 10 minutes at 25-35°C until solution is completely clear and free of solids.
2. Combine Phase B in side kettle following the listed order with slow prop mixing. Mix for 5 to 10 minutes at 20–25°C until homogeneous opaque slurry is achieved.
3. Add Phase B to Phase A with slow prop mixing. Mix for 5 to 10 minutes at 25-35°C.
4. Heat Phase AB to 85-90°C while slow prop mixing. Hold at 85-90°C for a minimum of 5 minutes. A completely clear solution free of solids is achieved.
5. Combine Phase C in a side kettle following the listed order with slow prop mixing. Mix for 5 to 10 minutes at 20-25°C until a clear solution is achieved. Check pH and adjust to 5.5 – 6.5 with addition of Glycolic acid if needed.
6. Add Phase C to Phase AB with very slow prop mixing and hold at 85-90°C for 1 minute with very slow prop mixing.
7. Cool Phase ABC down to 40-45°C with very slow prop mixing. Do not aerate.
8. Add the ingredients from Phase D in the order listed and with very slow prop mixing to Phase ABC. Wait until each ingredient is fully dispersed before proceeding to the next in order. Do not aerate.
9. Continue slow mixing and cool to 25-30°C. Drop batch.