Deep Moisture Body Wash

Formulation 1203

Ingredient	Concentration	Description/Role
Water	q.s.	
Stepanol DCFAS-N	9.0%	Anionic surfactant
Macat CAP-HS	5.0%	Amphoteric surfactant
Performance Series 880	20.0%	Non-ionic surfactant
D-Panthenol	0.8%	Conditioning agent
Citric Acid	q.s.	pH adjuster
Sodium Chloride	q.s.	Thickener
Color & fragrance	q.s., suggestions below	Organoleptics
Mergal CM 1.5	0.07% or q.s.	Preservative



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Properties

Appearance	Clear, colorless liquid
pH	5.5
Viscosity (cP)	1,000-2,000

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Procedure

- Dissolve the Stepanol DCFAS-N in warm water (35°C) for 1 hour. Recommended agitation: a propellor at 500 rpm. Once Stepanol DCFAS-N is fully dissolved, the solution can be cooled to room temperature.
- Add Macat CAP-HS with continued agitation.
- Add **Performance Series 880** with continued agitation at room temperature.
- Adjust pH to 5.5 with citric acid with continued agitation.
- Add sodium chloride slowly until viscosity is between 1,000 and 2,000 cP.
- Add color and fragrance as preferred.
- Add Mergal CM 1.5, or other preferred preservative package.

Known Compatible Color* & Fragrances**

Color	Fragrance
Aqua Blue Spirulina***	Coral Reef (Making Cosmetics)
Aqua Blue Spirulina*** & Canary Yellow Safflower	Sandalwood (Chemia Corporation) & Aloe
Purple Sweet Potato	Lavendar Sachet (D & D Fragrances and Essential Oils)
Cosmos Red Cabbage	Peppermint Eucalyptus
Canary Yellow Safflower	Lemongrass Sage

*All colors are Suncore Foods supercolor powders. It is recommended to dissolve the powder in water prior to addition in the body wash. Add dropwise until solution reaches the desired color.
**Fragrances are from Nevitt Fragrances, unless otherwise noted.
***Aqua Blue Spirulina may lose coloration over time in this formulation.

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