

Name GREEN BODY WASH

No. 1375

Description This body wash is clear in appearance and provides a luxurious lather.

Formulation INGREDIENTS: % by Weight Functionality

Deionized Water q.s. to 100 Carrier
LATHANOL® LAL COARSE/MB 0.70 Foam Booster
STEPANOL® ALS 25-B 32.00 Primary Surfactant
AMPHOSOL® CG-UN 6.45 Secondary Surfactant

Organic Fruit Water (Hyteck SA) 12.00 Carrier

Decyl Glucoside, 50% (BASF SE)

Citric Acid

3.61 Secondary Surfactant q.s. pH Adjuster

Douceur Bambou (V. Mane Fils SA)

0.3 Fragrance
Euxyl® K712 (Schülke & Mayr SA)

1.0 Preservative

STEPAN-MILD® GCC/MB 0.5 Skin Feel, Foam Booster

Green Dye q.s. Dye

Total 100.00

Procedure

- 1. Charge Deionized Water and introduce STEPANOL® ALS 25-B with mixing. Warm the mixture to 30-40°C (86-104°F).
- 2. Add LATHANOL LAL® COARSE/MB and mix until the mixture is transparent.
- 3. Add AMPHOSOL® CG-UN, Organic Fruit Water and Decyl Glucoside, 50%.
- 4. Adjust pH to between 5.0 and 5.5 using Citric Acid.
- 5. Add Douceur Bambou, Euxyl® K712 and Green Dye with mixing.
- 6. STEPAN-MILD® GCC/MB is introduced at the end of the formulation to thicken the system and obtain the required viscosity. Continue to mix until the system is clear.
- 7. Check pH, viscosity and appearance after cooling.
- **Note: Non-Stepan Ingredients: Euxyl® K712 is Sodium Benzoate, Potassium Sorbate supplied by Schülke & Mayr SA.

| Physical | Appearance, as is | Clear liquid |
|------------|--|--------------|
| Properties | pH, as is | 5.0 - 5.5 |
| - | Viscosity (Brookfield LV2, V12 at 20°C), cps | ~5,000 |

Storage/ 4 weeks at 20°C Stable
Stability 4 weeks at 45°C Stable

4 weeks at 5°C Stable

Instructions for Use

Apply to sponge or body with water. Enjoy the lather and the mildness then rinse.

External Comment

Marketing Notes: For this formulation, "Green" is referencing that naturally-derived Stepan surfactants. BCI = 94. Total Biorenewable Carbon Index (BCI) was calculated only for the Stepan surfactants used in this formulation. Other non-Stepan ingredients were not evaluated. For further information on Stepan's BCI, visit www.stepan.com.

Registered Trademarks of Stepan Company AMPHOSOL® LATHANOL® STEPAN-MILD® STEPANOL®

For Additional Assistance For applications or product handling assistance, call our Technical Service Department at 1-800-745-7837 (U.S.) or 011-334-76-505-100 (Europe).

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