



# Milky Bubble Bar 26-5.04



RICHNESS

PROCESS

APPLICATION



Indulgent syndet bar to clean while nourishing sensitive skin and conditioning hair with fineness & a soft creamy feel

## FORMULATION FEATURES

- Hair-to-toe application
- Nourishing sensitive skin
- Smoothing and conditioning effect on hair (tested)
- Soft & unctuous creamy milk after adding water
- Skincare to rinse-off, low-poo, shampoo + conditioner
- Soap-free, sulfate-free, paraben-free, silicone-free

## FUNCTIONAL INGREDIENTS

- Siligel™ (1%) – Skin feel enhancer**
- Creamy texture with fine bubbles
  - Soft and nourishing skin feel
  - Conditioning properties



| INGREDIENT       | INCI NAME  | SUPPLIER              | FUNCTION  | %     |
|------------------|--|-----------------------|---|-------|
| DermCare™ SF-200 | Sodium Cocoyl Isethionate (And) Stearic Acid (And) Aqua (Water) (And) Coconut Acid (And) Sodium Isethionate (And) Sodium Chloride (And) Titanium Dioxide | Bradford              | Syndet Base                                     | 98.00 |
| Siligel™         | Xanthan Gum (And) Lecithin (And) Sclerotium Gum (And) Pullulan   | Lucas Meyer Cosmetics | Skin feel enhancer with conditioning properties | 1.00  |
| Green Tea        | Fragrance  | IFF                   | Fragrance                                       | 1.00  |

### Manufacturing Procedure: COLD PROCESS

1. Start stirring the soap base and add Siligel™ in the blender (let it mix for 1 minute)
2. Add the fragrance while mixing (let it mix for 2-3 minutes)
3. Check for specs if there's none, run the batch on the miller machine (if there's any sight of specs stir it for 2 more minutes)
4. Milled the batch once to homogenize everything, then press the base twice to obtain a bar soap.

### Formula Specifications:

Aspect : white to off-white solid syndet  
 pH: 5.00 - 5.50  
 Viscosity (Brookfiled LV, spindle 4, 6 rpm, 1 min): NA  
 Centrifugation (3000rpm, 20 min): NA

### Stability Tests:

On lab batch up to 450 g  
 Up to 15 days at 50°C  
 Up to 15 days at Room Temperature, 4-8°C, 45°C  
 Freeze Thaw cycles (24h -18°C – 24h RT): Stable  
 Centrifugation (3000rpm, 20 min): NA  
 Vibrating table (400rpm, 4h): NA

SOLID

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