



# Milky Bubble Bar 26-5.04

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                                        | %     |
|---|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------------------------------------------|-------|
| A | DermCare™ SF-200 | Sodium Cocoyl Isethionate (and) Stearic Acid (and) Water (and) Coconut Acid (and) Sodium Isethionate (and) Sodium Chloride (and) Titanium Dioxide | Bradford              | Syndet Base                                     | 98.00 |
| B | Siligel™         | Xanthan Gum (and) Lecithin (and) Sclerotium Gum (and) Pullulan                                                                                    | Lucas Meyer Cosmetics | Skin feel enhancer with conditioning properties | 1.00  |
| C | Green Tea        | Fragrance                                                                                                                                         | IFF                   | Fragrance                                       | 1.00  |

### Manufacturing Procedure: COLD PROCESS

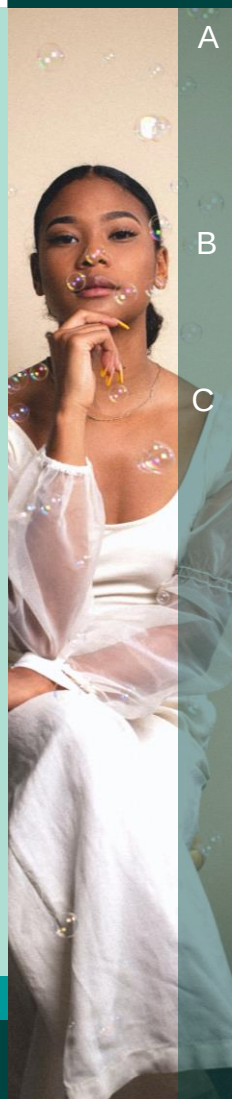
1. Start stirring the soap base and add Siligel™ in the blender (let it mix for 1 minute)
2. Add the fragrance while mixing (let it mix for 2-3 minutes)
3. Check for specs if there's none, run the batch on the miller machine (if there's any sight of specs stir it for 2 more minutes)
4. Milled the batch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

### Formula Specifications at D1:

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

### Stability Tests: On lab batch up to 450 g

15 days at 50°C  
 15 days at Room Temperature, UV, 4-8°C, 45°C  
 Freezer (24h -18°C and 24h RT)  
 D1 Centrifugation (3000rpm, 20 min): NA  
 D1 Vibrating table (400rpm, 4h): NA



S O L I D