

# ANTI-DANDRUFF SHAMPOO (C)

Cosphatec

400.62.3.1

CLEANSING. FOAMING. NATURALLY ACTIVE  
AGAINST DANDRUFF.

**Alternative preservation: Cosphaderm® LA-T, Cosphaderm® AS**

| Phase | Ingredient                 | COSMOS | INCI   | Supplier       | %     |
|-------|----------------------------|--------|--|----------------|-------|
| A     | Demin. Water               |        | Aqua   | -              | 77.45 |
| A     | Sodium Coco-Sulfate        |        | Sodium Coco Sulfate                                  | -              | 10.00 |
| A     | Plantacare® 1200 UP        |        | Lauryl Glucoside                                     | BASF SE        | 4.00  |
| A     | Dehyton® K                 |        | Cocamidopropyl Betaine                               | BASF SE        | 2.00  |
| A     | SOFTISAN®<br>conditionHAIR |        | PCA Glyceryl Oleate                                  | IOI Oleo GmbH  | 1.00  |
| A     | Cosphagard® SA<br>natural  | ✓      | Salicylic Acid                                       | Cosphatec GmbH | 3.00  |
| A     | Cosphaderm® AS             |        | p-Anisic Acid  | Cosphatec GmbH | 0.20  |
| B     | Cosphaderm® X 34           | ✓      | Xanthan Gum  | Cosphatec GmbH | 0.50  |
| C     | Cosphaderm® PA<br>ECONAT   | ✓      | Phytic Acid, Aqua                                    | Cosphatec GmbH | 0.10  |
| C     | Cosphaderm® LA-T           | ✓      | Levulinic Acid, Glycerin,<br>Sodium Levulinate, Aqua | Cosphatec GmbH | 1.00  |
| D     | Sodium Chloride            |        | Sodium Chloride                                      | -              | 0.75  |

## MANUFACTURING PROCESS

Phase A: Combine all ingredients of phase A. Heat phase A to 40 °C. Raise the pH to 11 to dissolve Cosphagard® SA natural and Cosphaderm® AS.

Phase B: Add phase B to A and stir until Cosphaderm® X 34 is completely dissolved.

Phase C: Add phase C under stirring.

Phase D: Add phase D to thicken the formulation.

Adjust the pH to 4.5 ± 0.05.

## SPECIFICATION

Appearance: translucent to yellowish liquid

pH: 4.5 ± 0.05

Stability: Microbiological stability proven, no separation after centrifugation (4000 rpm, 30 min)