

Development Formulation

Essential Balance Comforting Scalp Foam

ED0157

Instantly refresh and revitalize your hair and scalp with this gentle, no-rinse foam. Thanks to **Crodasinic™ LS30**, this foam provides outstanding lathering and offers a pure moment of wellness. **Crodarom® Green Coffee** works in synergy with **Nutrivent Balance** to keep hair looking clean, fresh, and energised.

Ingredient/INCI Name	Functionality	% w/w
Part A		
Water Deionised (Aqua)	-	To 100
Crodasinic LS30 (Sodium Lauroyl Sarcosinate) ¹	Surfactant	5.00
Procapil® (Butylene Glycol (and) Water (Aqua) (and) PPG-26-Buteth-26 (and) PEG-40 Hydrogenated Castor Oil (and) Apigenin (and) Oleanolic Acid (and) Biotinoyl Tripeptide-1) ³	Anti-Hair Loss Active	3.00
Nutrivent Balance (Hexadecyl Palmitate (and) Lauryl Glucoside (and) Tocopheryl Acetate (and) Sorbitan Ester (and) Cucurbita Pepo Seed Extract (and) Rosmary Extract (and) Tea-Tree Oil (and) Sunflower Oil (and) Water) ¹	Oil Control Active	1.00
Arlasilk™ EFA (Linoleamidopropyl PG-Dimonium Chloride Phosphate (and) Propylene Glycol (and) Water) ¹	Conditioning Agent	0.50
Hydrosativum P (Hydrolyzed Pea Protein) ¹	Moisturizing Protein	0.50
Crodarom Green Coffee (Glycerin (and) Water (and) Coffea Robusta Seed Extract) ²	Revitalizing Botanical	0.50
Euxyl PE9010 (Phenoxyethanol (and) Ethylhexylglycerin) ⁴	Preservative	0.50

Suppliers: 1: Croda 2: Crodarom 3: Sederma 4: Schülke, Inc

Procedure:

Add water to main beaker. Add remaining ingredients one at a time and allow to mix in completely. Adjust pH with 10% citric acid solution if necessary.

Appearance: Beige liquid; pH: 6.35 ± 0.5; Viscosity: N/A

Stability: 1 month at 50 °C, 12 weeks at RT, 40 °C, 45 °C, and 5 x - 24 hour freeze-thaw cycles

Reference: 330-09-96

Euxyl is a registered trademark of Schülke

This formulation was developed in North America. Contact your local sales representative with enquiries as ingredient availability can vary by region.

Non-warranty

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Salon Results

This formulation was tested in Croda's Product Evaluation Center.

27 panelists (6 virgin/21 color treated) were used for a full-head salon evaluation of the Scalp Foam. The panellist breakdown is as follows:

Ethnicity:	19 Caucasian panellists 8 Asian panellists
Curl Type:	19 panellists were Curl Type I 5 panellists were Curl Type II 2 panellists were Curl Type III 1 panellist was Curl Type IV

Procedure:

Using a full head design, the scalp foam was applied to dry hair, after hair was washed with global shampoo and subsequently blown dry. The hair was evaluated for a number of dry attributes on a scale of 1-10.

	Scalp Foam (330-09-96)
	Virgin Hair
Foam Dispensing/Ease (product)	8.0
Spreadability	7.8
Absorption	7.2
Scalp Residue	8.2
Dry Combing (body)	8.3
Dry Combing (end)	7.3
Static Control	10.0
Dry Feel(body)	8.0
Dry Feel (end)	7.2
Dry Residue	8.3
Dry Sheen	6.8
Bounce/Body	7.3
Volume	7.5
Breakage	10.0
Scalp Tackiness	8.7

	Scalp Foam (330-09-96)
	Color Treated Hair
Foam Dispensing/Ease (product)	8.0
Spreadability	7.8
Absorption	7.9
Scalp Residue	7.5
Dry Combing (body)	7.7
Dry Combing (end)	7.0
Static Control	10.0
Dry Feel(body)	8.0
Dry Feel (end)	7.1
Dry Residue	7.7
Dry Sheen	6.8
Bounce/Body	7.4
Volume	7.6
Breakage	10.0
Scalp Tackiness	8.6

Preference Scale:

10	9	8	7	6	5	4	3	2	1
Excellent		Good		Average		Fair		Poor	

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