

Development Formulation

Refresh-Me Hair and Scalp Refresh Spray

CH0148

This cold process, vegan suitable*, no-rinse spray with a natural origin content of at least 99% according to ISO16128, is ideal for refreshing your hair and scalp, allowing for more time between washes. Croda's **SP Natragem S140 NP MBAL** gently cleanses the scalp and roots of the hair whilst vegan suitable* **KeraMatch™ V** helps to improve the overall quality of damaged and fragile hair leaving locks revived and refreshed. **Crodarom® Cider Vinegar EC** is a fermented health and well-being ingredient with astringent, antibacterial and balancing powers. It acts as a natural deodorant and can help to treat both greasy hair as well as an irritated scalp that can be prone to dandruff, by rebalancing the scalp and adding shine to hair strands. The inclusion of Iberchem's **Vitamina Lever** fragrance provides a scent that is fresh and clean and leaves hair smelling amazing!



**can be considered to be generally suitable for vegan; however, as there is no single agreed definition nor a standard, global certification, if you are interested in making a vegan claim, please request our Vegan Suitability statement for specifics on this product, and compare to the certification(s) you are seeking to meet.*

Ingredient/INCI Name	Functionality	% w/w
Part A		
SP Natragem™ S140 NP MBAL (Polyglyceryl-4 Laurate/Sebacate (and) Polyglyceryl-6 Caprylate/Caprate (and) Water) ¹	Solubiliser and cleanser	10.00
HP0889803 Vitamina Lever (Parfum) ³	Fragrance	0.25
Part B		
Water Deionised (Aqua)	-	To 100
KeraMatch™ V (Aqua (and) Hydrolyzed Pea Protein (and) Hydrolysed Vegetable Protein) ¹	Revitalising protein	4.50
Crodarom® Cider Vinegar EC (Water (and) Glycerin (and) Vinegar) ²	Sebo-regulating active	1.00
Glycerin ⁵	Humectant	1.00
Sodium Benzoate ⁴	Preservative	0.30
Potassium Sorbate ⁴	Preservative	0.20
Part C		
Citric Acid (10 w/w% solution)	pH adjuster	To pH 5.0-5.5

Suppliers: 1: Croda 2: Crodarom 3: Iberchem 4: VWR 5: Cargill

Procedure:

Combine Part A with stirring until clear. Combine Part B with stirring. Add Part A pre-mix to Part B with stirring (600rpm). Adjust pH to 5.0- 5.5 with Part C

Appearance: pale yellow clear liquid; pH:5.0-5.5; Viscosity: water-thin

Stability: 3 months at 4°C, 25°C, 40°C, 45°C, 50°C, 7 x -10°C /+40°C 24 hour freeze-thaw cycle

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

Non-warranty

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PERSONAL CARE

