

perfectly balanced scalp conditioner

with serenity™ biofunctional
formula # Z436-31



>95%

claims to fame

perfectly balanced scalp conditioner to eliminate toxins and restore a healthy scalp



a condurango bark extract for scalp detox, clinically proven to increase skin comfort



a luxuriously addictive sensorial experience



clean INCI, >95 % naturally derived*** and biodegradable****

description

the perfectly balanced scalp care range uses innovative plant extracts to offer a full regime of natural solutions for a healthy & balanced follicular ecosystem while revitalizing hair roots

this follicle renewal conditioner is luxuriously creamy giving an addictively sensual experience as it glides over the hair, to deliver the serenity™ biofunctional to the scalp

featured ingredients

serenity™ biofunctional

an oil infused condurango bark extract for scalp detox, which has been shown to sense toxins and upcycle waste material from cell metabolism, clinically proven to reduce skin discomfort****

prolipid™ 161 lamellar gel

enhances formulation texture, emulsion stability and delivers superior antistatic properties and conditioning benefits in both leave-on and rinse-off products

optiphen™ bsb-w preservative

a liquid preservative with broad-spectrum effectiveness against bacteria, yeast and mold. This mild blend is compliant with many natural certification requirements

typical properties

description: opaque white, creamy, viscous liquid; pH: 3.0-4.0; viscosity: 12500-17500 cps/25°C (lvt, S64, 12 rpm); this formula has passed 3-month accelerated lab stabilities and a 28-day preservative challenge efficacy test**

**preservative system has not been optimized to its lowest effective level;
according to ISO16128 calculation; *based on OECD criteria and an assessment of components; *****based on clinical testing of representative model formulations



nature-derived

meets ISO 16128-2:2017 50-99% natural origin content standard



natural

meets ISO 16128-2:2017 100% natural origin content standard

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formula # Z436-31

ingredients (trade name INCI)		% w/w	supplier
phase a			
deionized water	Aqua (Water)	q.s.	Local
glycerin	Glycerin	1.00	Local
phase b			
stearyl alcohol	Stearyl Alcohol	2.00	Local
prolipid™ 161 lamellar gel	Behenyl Alcohol (and) Cetearyl Alcohol (and) hydroxyethyl cetearamido-propyldimonium chloride	6.00	Ashland
serenity™ biofunctional	Caprylic/Capric Triglyceride (and) Marsdenia Condurango Bark Extract	1.00	Ashland
phase c			
optiphen™ bsb-w preservative	Benzyl alcohol (and) Aqua (Water) (and) Sodium Benzoate (and) Potassium Sorbate	1.00	Ashland
phase d			
citric acid (25% aq. Solution)	Citric Acid	a.n.	Local
total		100.00	

procedure

1. phase a: add glycerin to water in the vessel with mixing, heat up to 80°C
2. phase b: add ingredients in order to phase a and homogenize at 80°C with ika or silverson rotor/stator mixer for 5 minutes or until a smooth consistency, cool down to below 40°C
3. phase c: with mixing, add optiphen™ bsb-w
4. phase d: with mixing, adjust pH with citric acid

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