



Natural Hair Conditioning Butter (SLI-064)

This formula provides an intensive hair treatment for stressed and damaged hair.

Inawave Polyporus increases hair growth and density and prevents hair fall, improving at the same time the well-being in general.

| Phase | Ingredient | INCI | % w/w | Function |
|-------|--|---|-------------|--------------------------|
| A | Water demin. | AQUA | QS | |
| | PuraBeet® Betaine Anhydrous (AGRANA Stärke) | BETAINE | 1.00 | Humectant |
| | INAGEL GREEN (IK INABATA) | GLUCOMANNAN, CAPRYLIC/CAPRIC TRIGLYCERIDE, POLYGLYCERYL-4 LAURATE, XANTHAN GUM | 0.30 | Rheology Modifier |
| B | TEGO® Care PBS 6 MB | POLYGLYCERYL-6 STEARATE, POLYGLYCERYL-6 BEHENATE | 4.00 | Emulsifier |
| | Lanette® O | CETEARYL ALCOHOL | 1.00 | Stabilizer |
| | Nat Sunflower Wax (NATUROCHIM S.A.S.) | HELIANTHUS ANNUUS SEED WAX | 0.70 | Wax |
| | NAT SUMAC WAX (NATUROCHIM S.A.S.) | RHUS VERNICIFLUA PEEL CERA | 2.40 | Wax |
| | Premium Organic* Argan Butter (NATUROCHIM S.A.S.) | ARGANIA SPINOSA KERNEL OIL, HYDROGENATED ARGANIA SPINOSA KERNEL OIL | 5.00 | Butter |
| | Apricot Seed Oil (Kern Tec GmbH) | PRUNUS ARMENIACA KERNEL OIL | 2.00 | Emollient |
| | Oleagil (GILAS SRL) | GLYCERYL OLIVATE | 1.00 | Co-Emulsifier |
| | Gilsolide® CN (GILAS SRL) | C13-14 ALKANE, POLYGLYCERYL-4 OLEATE, GLYCERYL OLIVATE | 1.00 | Emollient |
| | VARISOFT® EQ 65 MB | DISTEAROYLETHYL DIMONIUM CHLORIDE, CETEARYL ALCOHOL | 3.00 | Conditioner |
| C | INAWAVE® POLYPORUS (IK INABATA) | AQUA, GLYCERIN, POLYPORUS UMBELLATUS EXTRACT, POTASSIUM SORBATE | 2.00 | Active |
| | ParfümöI ALPENKRÄUTER (Frey + Lau GmbH) | PARFUM | 0.50 | Perfume |
| | Preservative | BENZYL ALCOHOL, DEHYDROACETIC ACID, AQUA | 1.10 | Preservative |



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Specification:

| | |
|-------------|--|
| Appearance: | White butter |
| pH-value: | 4.60 – 4.80 |
| Viscosity: | approx. 16000 mPas (IKA Rotavisc me-vi, SP9, 5rpm, 20°C) |
| Stability: | Stable for 3 months at 4°C, 20°C, 40°C, 1 month at 45°C |

Procedure:

- I. Mix the components of phase A while stirring for 20 min and heat up to 80°C.
- II. Mix the components of phase B while stirring and heat up to 80°C.
- III. Add phase B to phase A and homogenize for 5 – 10 minutes.
- IV. Cool down to 35°C and add phase C.

Raw Material Insights

PuraBeet® Betaine

- Derived naturally, delivers outstanding moisturizing effects and strengthens the skin's barrier

INAWAVE® POLYPORUS

- Increases hair growth and density and prevents hair fall, improving at the same time the well-being in general.

INAGEL GREEN

- Natural texturizing agent based on a polymer extracted from Konjac, a superfood Japanese ingredient.

Gilsolide® CN

- Highly dry and spreading emollient oil, manufactured from vegetable-derived raw materials.

Premium Organic* Argan Butter

- Has a firm skin feel, spreads easily on the skin and penetrates quickly.

SLI Chemicals GmbH

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