regrow – follicle renewal conditioner,

with santalwood™ biofunctional and dynagen™ biofunctional
formula #M100-1402 D4

98%

claims to fame

Infused with natural yeast peptides to regenerate hair follicles and boost hair keratin for stronger hair

brings stronger hair from the roots for reduced breakage

ingredients clinically proven to stimulate hair follicles and increase hair strength and density**

>98 % naturally derived***, biodegradable**** and clean INCI; free from silicone, sulfates, acrylates and microplastics

nature-derived
Meets ISO 16128-2:2017 50-99% natural origin content standard

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

description

a complete range of market-ready scalp care formulations for thinning hair, to boost hair density and strength through follicle renewal

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

featured ingredients

santalwood™ biofunctional

Inspired by forest therapy, santalwood™ biofunctional is a sandalwood extract obtained from upcycled wood chips and developed using AI. Clinically tested on hair regrowth, for fuller, denser hair. Natural, COSMOS-validated.

dynagen™ biofunctional

natural yeast peptides inspired by the "Hair Keratin System™" concept for stronger roots, less visible hair on the brush after combing, less hair breakage, and healthier looking hair

texturpure™ sa-1 ingredient

naturally-derived and biodegradable thickener, texturizer and suspension agent for oils and actives in cleansing systems

typical properties

description: white cream; pH: 4.5 – 5.5; viscosity: 25000 – 40000 cps / 25˚C, (RV 06, 10 rpm)

this formula has passed 3-month accelerated lab stabilities and a 28-day challenge efficacy test*****

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

regrow – follicle renewal conditioner,

with santalwood™ biofunctional and dynagen™ biofunctional

formula #M100-1402 D4

ingredients (trade name | INCI name)		%w/w	supplier
phase a			
deionized water	Aqua (water)	36.30	local
texturpure™ sa-1 ingredient	Hydroxypropyl Methylcellulose (and) Cellulose Gum (and) Xanthan Gum	1.00	Ashland
phase b			
deionized water	Aqua (water)	10.00	local
aquasorb™ a-500 cellulose gum	Cellulose gum	0.20	Ashland
phase c			
deionized water	Aqua (water)	30.00	local
n-hance™ ccg 45 cationic guar	Guar Hydroxypropyltrimonium Chloride	2.00	Ashland
phase d			
prolipid™ 141 lamellar gel	Glyceryl Stearate (and) Behenyl Alcohol (and) Palmitic Acid (and) Stearic Acid (and) Lecithin (and) Lauryl Alcohol (and) Myristyl Alcohol (and) Cetyl Alcohol	5.00	Ashland
antaron™ eco gel	Diisopropyl Adipate (and) Ethylcellulose	5.00	Ashland
Olivem* 1000	Cetearyl Olivate (and) Sorbitan Olivate	3.00	Hallstar
cetyl Alcohol	Cetyl Alcohol	1.00	local
santalwood™ biofunctional	Octyldodecanol (and) Santalum Album (Sandalwood) Wood Extract	1.00	Ashland
phyteq™ raspberry i multifunctional	Raspberry Ketone	0.50	Ashland
phase e			
lactic acid	Lactic Acid	0.50	local
phase f			
fiberhance™ bm solution	Hydroxypropylgluconamide (and) Hydroxypropylammonium Gluconate	2.00	Ashland
optiphen™ hd preservative booster	1,2-Hexanediol	1.00	Ashland
optiphen™ bsb-w preservative	Benzyl Alcohol (and) Aqua (Water) (and) Sodium Benzoate (and) Potassium Sorbate	0.50	Ashland
dynagen™ biofunctional	Water (Aqua) (and) Glycerin (and) Hydrolyzed Yeast Protein	1.00	Ashland
phase g			
triethanolamine	Triethanolamine	0.00	local
total		100.00	

procedure

1. phase a: weigh water in main vessel, disperse texturpure™ sa-1 by mixing at 400-500 rpm for 45 mins until fully hydrated
2. phase b: in separate vessel, disperse n-hance™ CCG 45 by mixing at 500 rpm for 30 mins
3. phase c: in a separate vessel make dispersion of aquasorb™ a-500
4. add phases b and c to phase a with mixing and heat to 80-85°C
5. phase d: in a separate vessel heat phase ingredients to 80- 85°C; this to main batch under high-speed mixing; mix for a further 15-20 minutes until the emulsion is well formed
6. phase e:remove heating from main vessel and lactic acid once temperature > 60°C; continue mixing
7. phase f; add phase f ingredients into the main batc; continue mixing
8. phase g: adjust pH to 4.2 with TEA

Ashland™
always solving