

total rescue - scalp soothing shampoo,

with ogt-d™ biofunctional and texturpure™ sa-1 ingredient
formula #M100-1400C3


91%

claims to fame

—
based on a super-activated botanical oil which calms itchy scalp and soothes irritation



clinically proven to calm scalp irritation**



nature-derived***, biodegradable**** and vegan suitable



clean INCI, silicone-, sulfate-, acrylates- and microplastic-free

description

the total rescue - scalp soothing range uses the power of plant botanicals to deliver full regime of solutions for moderate to severe dry, itchy scalp

this mild high-naturality scalp soothing shampoo is infused with a super activated botanical oil that offers relief to dry, itchy scalp and leaves your hair soft and manageable

ingredients

ogt-d™ (oxygenated glycerol triesters™), biofunctional

ogt-d™ biofunctional is clinically proven to provide comfort and soothing to itchy and irritated scalp reducing redness, itchiness and irritation*. ogt-d is natural and COSMOS-validated

texturpure™ sa-1, ingredient

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

n-hance™ bf-13, cationic guar

naturally derived and biodegradable conditioning polymer, which aids deposition of oil phase actives

typical properties

description: opaque; pH: 5.0-6.0; visc: 4000 – 8000 cps /25°C, (RV 05, 10 rpm)

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

dermatologically controlled clinical testing on moderate to severe itchy scalp sufferers; separate testing for redness and irritation, on representative formulations; *meets ISO 16128-2:2017 50-99% natural origin content standard; ****according to OECD testing parameters and based on assessment of components; *****fragrance not evaluated



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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| ingredients (trade name INCI name) | | %w/w | supplier |
|--|---|--------|----------|
| phase a | | | |
| deionized water | Aqua (water) | 28.85 | local |
| texturpure™ sa-1 ingredient | Hydroxypropyl Methylcellulose (and) Cellulose Gum (and) Xanthan Gum | 0.50 | Ashland |
| phase b | | | |
| deionized water | Aqua (water) | 20.00 | local |
| Pureact* I-78 | Sodium Cocoyl Isethionate | 10.00 | Innospec |
| phase c | | | |
| Mirataine* BET C-30 NP | Cocamidopropyl Betaine | 10.00 | Solvay |
| Plantacare* 2000 UP | Decyl Glucoside | 6.50 | BASF |
| cetyl alcohol | Cetyl Alcohol | 1.50 | local |
| phase d | | | |
| deionized water | Aqua (water) | 10.00 | local |
| n-hance™ bf-13 cationic guar | Guar Hydroxypropyltrimonium Chloride | 0.50 | Ashland |
| sodium hydroxide (10% aq. soln) | Sodium Hydroxide | 0.15 | local |
| phase e | | | |
| deionized water | Aqua (water) | 5.00 | local |
| Bioterge* AS-90 | Sodium C14-16 Alpha Olefin Sulfonate | 3.00 | Stepan |
| phase f | | | |
| Oxygenated Glycerol Triesters D™ biofunctional | Oxidized Corn Oil | 3.00 | Ashland |
| optiphen™ bsb-w preservative | Benzyl Alcohol (and) Aqua (Water) (and) Sodium Benzoate (and) Potassium Sorbate | 1.00 | Ashland |
| citric acid | Citric Acid | 0.00 | local |
| total | | 100.00 | |

procedure

1. phase a: add water to main vessel then slowly add texturpure™ sa-1; then mix for 45 minutes at 400rpm or until homogeneous
2. phase b: In a separate vessel, take sodium cocoyl isethionate flakes and water; and heat to 80°C with slow mixing until it is completely clear
3. phase c: in a separate vessel add cocamidopropyl betaine and decyl glucoside to water heat to 80°C with mixing; then add cetyl alcohol and mix until homogeneous; then set aside to cool
4. phase d: disperse n-hance™ bf-13 by slowly adding it to water; then add a few drops of sodium hydroxide solution to aid dissolution
5. phase e: in a separate vessel add sodium C14-16 alpha olefin sulfonate to water and mix until homogeneous
6. to phase a, add phases b, c and d in sequence with mixing, making sure batch is homogeneous before addition of each next phase; then add oxygenated glycerol triesters d™ and allow to mix for 15 minutes; then add phase e slowly to avoid foaming; then add preservative and adjust pH with citric acid

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