total rescue - scalp soothing conditioner
with ogt-d™ biofunctional and texturpure™ sa-1 ingredient
formula #M100-1401 D

92%

claims to fame

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

○

clinically proven to calm scalp irritation**

○

luxurious sensorial in-shower experience

○

this > 92% naturally-derived and biodegradable*** conditioner features COSMOS-validated botanical extracts

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

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 conditioner uses a super activated botanical oil that soothes and protects dry and itchy scalp, while creating beautiful lustrous hair

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

phyteq™ raspberry i, multifunctional

nature identical multifunctional combining preservative-boosting and skin benefits based on raspberry ketone. This novel ingredient cares for consumer and product protection

typical properties

description: thick cream; pH: 4.5 to 5.5; visc: 77000 – 80000 cps /25˚C, (RV 07, 20 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; ***according to OECD testing parameters and based on assessment of components;; ****Meets ISO 16128-2:2017 50-99% natural origin content standard; *****preservative system has not been optimized to its lowest effective level

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ingredients (trade name | INCI name)		%w/w	supplier
phase a			
deionized water	Aqua (water)	23.00	local
polysurf™ 67 cs cetyl modified hydroxyethylcellulose	Cetyl Hydroxyethylcellulose	0.75	Ashland
phase b			
deionized water	Aqua (water)	40.15	local
texturpure™ sa-1 ingredient	Hydroxypropyl Methylcellulose (and) Cellulose Gum (and) Xanthan Gum	0.50	Ashland
phase c			
deionized water	Aqua (water)	10.00	local
n-hance™ 3196 cationic guar	Guar Hydroxypropyltrimonium Chloride	0.50	Ashland
phase d			
Genamin* CTAC	Cetrimonium Chloride	1.00	Clariant
Genamin* KDMP	Behentrimonium Chloride	1.00	Clariant
cetearyl alcohol	Cetearyl Alcohol	4.00	local
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
oxygenated glycerol triesters d™ biofunctional	Oxidized Corn Oil	3.00	Ashland
phyteq™ raspberry multifunctional	Raspberry Ketone	0.50	Ashland
phase e			
lactic acid	Lactic Acid	0.50	local
phase f			
puraloe™ aloe vera	Aloe Barbadensis Leaf Juice Powder	0.10	Ashland
deionized Water	Aqua (water)	2.00	local
phase g			
fiberhance™ bm solution	Hydroxypropylgluconamide (and) Hydroxypropylammonium Gluconate	2.00	Ashland
optiphen™ hd preservative booster	1,2-Hexanediol	1.00	Ashland
triethanolamine	Triethanolamine	q.s.	local
total		100.00	

procedure

1. phase a: in main vessel add polysurf™ 67 into water with mixing ; continue mixing for 30 mins or until homogeneous
2. phase b: in a separate vessel with mixing add texturpure™ sa-1 into water; continue mixing for 30 mins or until homogeneous
3. phase c: in a separate vessel with mixing add n-hance™ 3197 into water; continue mixing for 15-20 mins or until homogeneous
4. add phase b to phase a with mixing until homogeneous; then add phase c and mix until homogeneous; then heat to 80- 85°C
5. phase d: in a separate vessel heat phase d to 80- 85°C and add to main batch with high-speed mixing for 15-20 minutes, making sure the emulsion is well formed; then remove from heat
6. phase e: add lactic acid at 60-70°C and mix well
7. premix phase f ingredients and add to main batch, mix until homogeneous; then add fiberhance™ bm and optiphen™ hd, with mixing; finally adjust pH to 4.2

Ashland™
always solving