

Aqua Care

Leave-in-Conditioner

Formulation 4182



Attributes

- Reduces the impact of urban pollution on hair aesthetics
- Enhanced Dry Combing
- Enhanced Wet Combing
- Enhanced Shine
- Restores Hair's Hydrophobic State
- Leave-in-Conditioner

Components

Phase	Order	Ingredient	INCI Name	Wt%	Supplier	Trade Name
A	1	Water	Water	83.22		
A	2	Glycerin	Glycerin	5	No Supplier Specified	No Tradename Specified
B	3	Behentrimonium Methosulfate (and) Cetearyl Alcohol	Behentrimonium Methosulfate (and) Cetearyl Alcohol	1.5	Croda International	Incroquat™ Behenyl TMS
B	4	C10-40 Isoalkylamidopropylet hyldimonium Ethosulfate (and) Dipropylene Glycol	C10-40 Isoalkylamidopropylet hyldimonium Ethosulfate (and) Dipropylene Glycol	1.25	Croda International	Cutissential® 18-MEA 40-N V-LQ-(MH)
B	5	Jjoba Oil	Simmondsia Chinensis (Jjoba) Seed Oil	1	Azelis	Golden Jjoba Oil
B	6	Cetyl Alcohol	Cetyl Alcohol	0.15	Croda International	Lanette® 16
C	7	Hydrolyzed Wheat Gluten	Hydrolyzed Wheat Gluten	0.05	BASF	Gludin® W40
C	8	Panthenol	Panthenol	0.06	BASF	D-Panthenol™ 75 W
C	9	DOWSIL™ HMW-2220 Non-Ionic Emulsion	Divinyldimethicone / Dimethicone Copolymer (and) C12-13 Pareth-3 (and) C12-13 Pareth-23	6.67	The Dow Chemical Company	DOWSIL™ HMW-2220 Non-Ionic Emulsion
C	10	Water (and) Heliantus Annuus Seed Oil (and) Glycerin (and) Bambusa Vulgaris Extract (and) Sclerotium Gum (and) Tocopherol	Persea Gratissima (Avocado) Oil	1	Alban Muller International	Natamilk Bamboo
C	11	DMDM Hydantoin	DMDM Hydantoin	0.1	Lonza Group	Glydant® 2000

Procedure

Step	Process
1	Heat ingredient 1 to 70°C.
2	Disperse ingredient 2 into ingredient 1 and mix until homogeneous.
3	In a separate vessel, combine phase B ingredients and mix.
4	Heat phase B ingredients at 70°C using a water bath.
5	Mix phase B ingredients together until all ingredients are completely dissolved.
6	Add phase A to phase B in increments and stir while keeping phase B warm enough to keep the wax melted. Stir until homogeneous.
7	Cool to room temperature while gently mixing.
8	Add phase C ingredients in order listed mixing well after each addition.
9	Adjust pH to 4 with citric acid solution.

Stability

None provided

Additional Note

Water Based Leave-in Spray

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