

HydroxySHIELD™
Polymer

DOW

Built For This
(CPF 4320)

Leave-in Conditioner Cream



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Phase	Trade name / supplier	INCI name	Wt. %
A	Water	Water	84.31
B	HydroxySHIELD™ Polymer / Dow	Bis-Diisopropanolamino-PG-Propyl Disiloxane / Bis-Vinyl Dimethicone Copolymer	2.00
	Sunflower Seed Oil / Bramble Berry	Helianthus Annuus (Sunflower) Seed Oil	0.10
	Baobab Oil / Making Cosmetics	Adansonia Digitata Seed Oil	0.10
	XIAMETER™ PMX-200 Silicone Fluid 2 cSt / Dow	Dimethicone	5.00
	DOWSIL™ FZ-3196 Fluid / Dow	Caprylyl Methicone	2.00
	Crodacol CS50 / Croda	Cetearyl Alcohol	1.50
	Arlacel 165 / Croda	Glyceryl Stearate (and) PEG-100 Stearate	1.50
C	Euxyl PE 9010 / Schülke Inc.	Phenoxyethanol (and) Ethylhexylglycerin	0.99
	Cactus and Aloe Water / Givaudan	Fragrance	0.50
	ACULYN™ Siltouch Rheology Modifier / Dow	Sodium Acrylate / Sodium Acryloyldimethyl Taurate Copolymer (and) Dimethicone (and) Trideceth-6 (and) PEG/PPG-18/18 Dimethicone	2.00

Processing instructions:

1. Heat the water to approximately 60°C.
2. Combine Phase B ingredients in a separate vessel and heat to approximately 60°C while mixing.
3. When all the ingredients are dissolved and dispersed, add Phase A to Phase B at approximately 500 rpm.
4. Slowly cool the formulation while mixing.
5. Add Phase C ingredients at approximately 40°C.

Disclaimer: Contained in this package is a sample prepared as per the formulation described on this card. Any variation in the formulation may cause performance to change.

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Images: 64734528, 194290469

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