

ZENITECH POMEGRANATE BUTTER SHAMPOO

	PHASE	INGREDIENT (INCI NAME)	% BY WEIGHT
1.	A	WATER	21.75
2.	A	ZENIGLOSS SE (CASTOR ISOSTEARATE SUCCINATE, PEG-8 RICINOLEATE)	2.00
3.	B	MANNAN (AND) XANTHAN GUM	0.10
4.	C	SODIUM LAURYLGLUCOSIDES HYDROXYPROPYLSULFONATE	65.00
5.	C	LAURAMIDOPROPYL BETAINE	5.00
6.	C	POMEGRANATE BUTTER (OCTYLDODECANOL, BEESWAX, PUNICA GRANATUM)	5.00
7.	D	FRAGRANCE	0.15
8.	E	WATER (AND) SODIUM BENZOATE (AND) POTASSIUM SORBATE	1.00
			100.00

Manufacturing instructions:

Charge phase A ingredients into main vessel. Stir while heating to 80°C. At 80°C, sprinkle in phase B. Mix until dispersed, then homogenize batch for 10 minutes or until completely uniform in appearance. Switch to impeller mixing and remove from heat. Add phase C ingredients, mixing to uniformity after each addition. When temp. drops down to 45°C, add phases D and E. Continue mixing batch until cool (room temp...or else it will gel). Fill into non-pour packaging.

Notes:

This is an unconventional sulfate-free conditioning and high-gloss shampoo. Viscosity is CA. 10M cPs. For cold mix shampoo at lower viscosity, substitute 0.3% xanthan alone for mannan/xanthan combination.

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01/2011