

JD Formulations Collection

Quaternium and Silicone Free Hair Conditioner

TRADE NAME	INCI NAME	%	PHASE
D.I. Water	Aqua	76.65	A
Glycerin	Glycerin	5.00	
DL-Pnathenol 50%	Panthenol	1.00	
JD Jojoba Hair Complex	Simmondsia Chinensis (Jojoba) Seed Oil, Cocos Nucifera (Coconut) Oil, Cannabis Sativa Seed Oil, Solanium Lycopersicum Seed Oil (and) Caprylic/Capric Triglyceride (and) Vaccinium Macrocarpon Seed Oil (and) Helianthus Annuus Seed Oil (and) Tocopherol	7.00	B
NEOBEE® M-5 COSMETIC	Caprylic/Capric Triglyceride	3.00	
MONTANOV™ 202	Arachidyl Alcohol, Behenyl Alcohol, Arachidyl Glucoside	3.25	
Incroquat™ Behenyl TMS-50	Behentrimonium Methosulfate, Cetyl Alcohol, Butylene Glycol	2.60	
Sharomix AM-24	Methylpropanediol, Caprylyl Glycol, Polyquaternium-80, Didecyldimonium Chloride	1.00	C
Chamomile German essential oil	Chamomilla Recutita Oil	0.50	

PROCESS

- 1 Add Phase A to main vessel with shear mixing and heat to 80°C.
- 2 Combine Phase B and heat to 80°C. Add Phase B under high shear stirring to Phase A and mix until a smooth, glossy, homogenous emulsion forms.
- 3 Allow mixture to cool under low shear stirring until <40°C. Add phase C and stir through under low shear until homogenous.
- 4 Allow to cool <25°C under low shear stirring. Check/adjust pH to 5.3 - 5.8.

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