



Argan Oil Conditioner with SeraShine® EM 801^(RC-15)

SeraShine® EM 801 is a natural oil emulsion consisting of 52% argan oil which gives excellent natural conditioning. Using argan oil in an emulsified form makes it easier to incorporate into aqueous products without solubilising, and can improve stability compared to adding neat oil. **Vida-Care HEC** thickens, stabilises and also exhibits some shear thinning which improves spreadability of the formulation during application.

Raw Material/INCI Name	% w/w	Trade name/Supplier	Function
Water	To 100	-	Vehicle
Glycerin	1.00	Surfac G995V/Surfachem	Humectant
Hydroxyethyl Cellulose	0.75	Vida-Care HEC/KCC Basildon	Thickener
Citric Acid	0.40	Surfac Citric Acid Monohydrate BP/Surfachem	pH Adjuster
Cetearyl Alcohol	5.00	Crodacol CS90/Croda	Bodifying Fat
Stearyl Alcohol	3.00	Crodacol S95/Croda	Bodifying Fat
Behentrimonium Chloride (and) Isopropyl Alcohol	1.00	Incroquat Behenyl TMC-85/Croda	Conditioning Fat
Argania Spinosa (Argan) Kernel Oil (and) C12-14 sec-Pareth-5 (and) C12-14 sec-Pareth-9	3.85	SeraShine® EM 801/KCC Beauty	Conditioning Agent
Parfum (Fragrance)	0.50	Green Beauty/Expressions Parfumées	Fragrance
Colourant	q.s.	-	Aesthetics
Phenoxyethanol (and) Benzyl Alcohol (and) Potassium Sorbate (and) Aqua (and) Tocopherol	1.00	Euxyl K700/Schülke	Preservative

Typical Properties

Appearance:	Pale orange, viscous emulsion
Viscosity @ 25°C:	10000 - 20000cPs (Brookfield Helipath, T Bar C,10rpm)
pH @ 25°C:	3.5 - 4.5

Method

Add the water to the vessel and begin to stir.

Premix the glycerin and Vida-Care HEC, add to the water and stir until thickened. Continue to heat to 80 - 85°C.

Add the fats and stir until melted. Homogenise at 3000rpm until smooth and white.

Cool to below 40°C and add the remaining ingredients in order.

Please note that the above formulation is only intended as a guide. It is not a commercial formulation and has not been tested as such. The formulation should be evaluated and modified for your own requirements before use. Also suggestions of uses should not be taken as inducements to infringe any particular patent.

Basildon Chemical Co. Ltd, Kimber Road, Abingdon, Oxfordshire, OX14 1RZ, UK

KCC Corporation, 1301-4, Seocho-Dong, Seocho-Gu, 137-703, Seoul, Korea

☎ +44 (0)1235 526677 | ✉ info@kcc-beauty.com | 🌐 www.kcc-beauty.com

✉ webenquiries@baschem.co.uk | 🌐 www.kcc-basildon.com