

DEEP- CONDITIONING RINSE-OUT HAIR CREAM

with Floraesters K-100[®] Jojoba,
Floramac[®] 10, and Florasun[®] 90



This formula provides a silky-smooth feel to the hair. Comb-through of wet hair is substantially improved and the hair is left feeling soft, smooth, and conditioned after drying.

Phase	Trade Name	INCI	Supplier	%WT
A	Deionized Water	Water	-----	q.s.
	Natrosol [®] Plus 330 CS	Cetyl Hydroxyethylcellulose	Ashland	0.50
B	Propylene Glycol USP/EP	Propylene Glycol	Ashland	2.00
	Merquat [®] 280 Polymer	Polyquaternium-22	The Lubrizol Corporation	3.00
	Florasolvs [®] PEG-150 Hydrogenated Jojoba	Jojoba Oil PEG-150 Esters	The HallStar Company	0.50
	Floraesters K-100 Jojoba	Hydrolyzed Jojoba Esters (and) Jojoba Esters (and) Water (Aqua)	Cargill Beauty	1.00
C	Lanette [®] 16	Cetyl Alcohol	BASF Corporation	1.00
	Polawax NF	Emulsifying Wax NF	Croda International	3.00
	Floramac 10	Ethyl Macadamiate	Cargill Beauty	1.50
	Florasun 90	Helianthus Annuus (Sunflower) Seed Oil	Cargill Beauty	4.00
D	Citric Acid (20% Solution)	Citric Acid (and) Water	Archer Daniels Midland Co.	0.70
	Fragrance	-----	-----	q.s.
	Preservative	-----	-----	q.s.
	Color	Color	-----	q.s.

CHARACTERISTICS

- **pH:** 4 - 5
- **Stability:** 128,300cP

PROCESS

1. Heat the deionized water to 75°C with stirring and slowly add the Natrosol Plus 330 CS until it is completely hydrated.
2. Mix the Floraesters[®] K-100 Jojoba with the Propylene Glycol USP/EP at 75°C.
3. Add the mixture to Phase A with stirring at a temperature of 75-80°C. Add the Florasolvs PEG-150 Hydrogenated Jojoba and the Merquat 280 Polymer to the mixture with stirring.
4. Mix all of the ingredients of Phase C together with stirring at a temperature of 75-80°C. Add Phase C very slowly to Phase AB with rapid propeller agitation to create an emulsion.
5. Cool Phase ABC to 45-50°C. Add the ingredients of Phase D with continuous stirring.
6. Quickly cool the mixture to 30°C and then load tubes or containers for use.



PATENTS AND REGULATIONS The information presented herein is intended to illustrate the possible technical applications of our products. However, since the use of this information and our products is beyond our control, any recommendations or suggestions are made without guarantee of warranty in each country and particularly in the absence of patent rights. In addition, we recommend that the user ensures that this product is in compliance with the local regulations in force, particularly in the country where the finished product is to be consumed. It is the responsibility of the user to comply with the patents and the regulations in force.

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