

A rich rinse-out hair reconstructor fortified with rice bran, black castor oil and murumuru from Brazil. Our **NatureHair SHN Plus** adds shine and dry-comb ease to this elegant treatment.

		 Components	 INCI Declaration	 %	 Function
Phase I		Water deionized Caramel DSL4 ^(A) Disodium EDTA Lactic Acid 88% Glycerin USP	Water (aqua) Caramel Disodium EDTA Lactic Acid Glycerin	Up to 100 0.01 0.05 0.65 3.00	Diluent Colorant Chelant Neutralizer Humectant
Phase II		Colonial S18-TP ^(B) Maquat BTMC-85 ^(C)	Stearamidopropyl Dimethylamine Behentrimonium Chloride	1.70 2.00	Amine Emulsifier Cationic Conditioner
Phase III		Cetearyl Alcohol Emulsiderm CT25 Sensoderm CP Emulsiderm GS Petrolatum White USP Sensoderm HR NatureHair SHN Plus Murumuru Butter ^(D) Black Castor Oil ^(E)	Cetearyl Alcohol Ceteareth-25 Cetyl Palmitate Glyceryl Stearate SE Petrolatum Hydrogenated Rice Bran Oil Polycitronellol & C12-15 Alkyl Benzoate Astrocaryum Murumuru Seed Butter Ricinus Communis Seed Oil	4.00 1.50 1.00 0.50 2.00 2.00 1.00 1.00 1.00	Builder Emulsifier Sensorial builder Builder Conditioning agent Conditioning butter Glossing agent Conditioning butter Conditioning oil
Phase IV		Siltech E-2149 ^(F) Keratein NPNF ^(G) Fragrance Guava Sharomix MT ^(H) Sodium Chloride 20% soln	Amodimethicone & Cetrimonium Chloride & Trideceth-12 Hydrolyzed Keratin Parfum Methylisothiazolinone Sodium Chloride	1.00 0.50 0.50 0.05 2.50	Conditioning agent Keratin reviver Fragrance Preservative Viscosity builder
Appearance pH as is Viscosity RVT-C @ 10 Stability @ 60d / 43°C		Tan viscous emulsion 4.00 – 4.50 15,000 – 25,000 cps Passes			

Procedure:

1. In main vessel charge water, add caramel and EDTA and start mixing at moderate speed. Start heating. Add in order lactic acid and glycerin. Continue mixing and heating to 85°C. This is Phase I.
2. When the batch reaches temperature, add in order the materials of Phase II. Mix & melt both before proceeding.
3. Directly add Phase III materials in order and continue mixing until uniform at 85°C.
4. Mix at high speed for 10 minutes then stop heating, reduce mixing speed to moderate and begin cooling slowly.
5. Cool the batch to 45°C. At this temperature add in order the items in Phase IV, excluding salt. Mix well until uniform.
6. Cool the batch to 35°C then slowly add salt solution to increase viscosity.

Sources:

- A. Roquette
- B. Colonial Chemical
- C. Pilot Chemical
- D. ICSC
- E. Acme-Hardesty
- F. Siltech
- G. TRI-K Industries
- H. Sharon Group

All information on this formulation is of a general nature and is furnished for your knowledge and understanding only. User assumes all risk of use, storage or handling, whether in accordance with directions or not.