

Free from silicones and oils, this glassy hair conditioner leverages the polyquat conditioning power of **Synthalen® CR** and **Conditioner P7** to make hair soft and manageable. **Emulsiderm P40HCO** significantly improves the transparency of **Synthalen® CR** in solution.

	 Components	 INCI Declaration	 %	 Function
Phase I	Water Emulsiderm P40HCO	Aqua PEG-40 Hydrogenated Castor Oil	Up to 100 1.00	Solvent Solubilizer
Phase II	Synthalen® CR	Polyquaternium-37	2.20	Thickener/conditioner
Phase III	Conditioner P7	Polyquaternium-7	5.00	Hair conditioner
	dl-Panthenol	Panthenol	0.50	Hair conditioner
	Sopal Quat Rice ^(A)	Cocodimonium Hydroxypropyl Hydrolyzed Rice Protein	0.50	Hair conditioner
	Sharomix AM 25 ^(B)	Phenoxyethanol (and) Chlorphenesin (and) Caprylyl Glycol (and) Didecylidimonium Chloride	0.70	Broad spectrum preservative with conditioner constituent
	WS Floral ORC0600872 ^(C)	Parfum	0.25	Fragrance
Appearance Viscosity RV5 @ 10 rpm pH (as is)		Translucent viscous liquid 14,000 – 18,000 cps 5.0 – 5.5		

Procedure:

1. Disperse EMULSIDERM P40HCO into water. Begin heating the batch to 80°C.
2. At 80°C, slowly add SYNTHALEN® CR. Mix with high agitation and sweep until fully dispersed and hydrated. Turn off heat and cool to 45°C with low agitation.
3. Add Phase III materials and mix slowly with recirculation until uniform, avoiding air entrainment.

Sources:

- A. Southern Chemical & Textiles, Inc.
- B. Sharon Personal Care
- C. Orchidia Fragrances