

Development formulation

Sodium Hydroxide Hair Relaxer with Crodafos CES C1891

		% by wt
White Petroleum Jelly Continental Grade No 3 (Petrolatum)	Meade, King & Robinson	15.0
Mineral Oil 25cS at 25°C (Paraffinum Liquidum)	-	15.0
CRODAFOS CES (Cetearyl Alcohol (and) Dicetyl Phosphate (and) Ceteth-10 Phosphate)	Croda	7.0
CRODACOL CS90 EP (Cetearyl Alcohol)	Croda	2.0
CETOMACROGOL 1000 BP (Ceteareth-20)	Croda	0.8
Water Deionised (Aqua)	-	to 100
Propylene Glycol	-	3.0
SOLAN E (PEG-75 Lanolin)	Croda	0.5
Water Deionised (Aqua)	-	6.0
Sodium Hydroxide	-	2.0
Perfume, Preservative, Colour	-	qs

Method

Heat oil phase and water phase separately to 65-70°C. Add the water phase to the oil phase with stirring. Cool to 35-40°C with stirring. Add the sodium hydroxide solution. Stir to cool.

Non-warranty

This formulation has been subjected to limited stability tests and has been shown to perform well. However formulators adopting this approach should ensure to their own satisfaction long term stability and functionality. It is good practice to conduct safety tests on all final formulations prior to marketing. Suggested uses should not be taken as an inducement to infringe any existing patents.

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