

Curl Cream

Helps provide hold and control for defined curls and streamlined waves. For best results apply sparingly to towel dried hair from mid lengths to ends. Apply too much and curls may become weighed down and crispy.

	Trade Name	INCI Name	Function	%W/W	Supplier
1	Purified Water	Aqua	Solvent	86	
2	Versene Na2	Disodium EDTA	Chelating Agent	0.05	Dow Chemical
3	UCARE POLYMER JR-400	Polyquaternium-10	Film Former	0.15	Dow Chemical
4	Zenigloss Q	Polyquaternium 57	Film Former	1	TC USA Via ProTec Ingredia
5	Natrosol™ 250 HHR	Hydroxyethylcellulose	Thickener	1	Ashland
6	Dehyquart® A-CA	Cetrimonium Chloride	Cationic Conditioner	1	Corneilius
7	Lexamine® S-13	Stearamidopropyl Dimethylamine	Conditioning	1	Inolex
8	Lanette® O	Cetearyl Alcohol	Conditioning	4	Corneilius
9	Floramac® 10	Ethyl Macadamiate	Conditioning	1.5	Floratech Via ProTec Ingredia
10	Oat Lipid E	Avena sativa (Oat) Kernel Oil	Conditioning	1.5	Oat Cosmetics Via ProTec Ingredia
11	Purac® HS 88	Lactic Acid	pH Adjuster	0.4	Purac
12	UNIPHEN P23	Phenoxyethanol Methylparaben Ethylparaben Butylparaben Propylparaben	Preservative	0.4	Induchem Via ProTec Ingredia
13	WorleeMicromer C50/25	Ammonium Acrylates Copolymer	Styling Polymer	2	Worlée Via ProTec Ingredia

ProTec Ingredia Ltd.

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Website: www.protectingredia.com

Registered in London No. 07517784 VAT No. GB 100 2120 14

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Method of Manufacture

Into the main vessel add:

Purified Water	Start the mixer on a moderate fast speed
Disodium EDTA	Mix until dissolved
Polyquaternium-10	Mix until dissolved
Polyquaternium 57	Mix until dispersed
Hydroxyethylcellulose	Mix until dissolved
	Turn the mixer speed down to a moderate slow speed
Dehyquart® A-CA	Mix until dispersed
	Commence heating the main vessel to 75-80C

Into the premix vessel add

Lexamine® S-13	
Lanette® O	
Floramac® 10	
Oat Lipid E	Commence heating the premix vessel to 75-80C

When both vessels are at 75C-80C add the premix vessel into the main vessel

Mix for 5 minutes at moderate fast speed

Into the main vessel add:

Lactic Acid	Mix for a further minute
	Reduce the mixer speed to a slow speed

Commence cooling to 23C

Into the main vessel add:

WorleeMicromer C50/25	Mix until dispersed
UNIPHEN P23	Mix until dispersed

Continue to cool to 23C then check the product specifications

Product Specifications

pH	6.50-7.00
Viscosity	15000-20,00CPS (LVT Spindle 4, Speed 10, 30 seconds)
Colour	White
Appearance	Mobile viscous liquid

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