

Shine Shampoo

The Shine shampoo uses unique **Resplanta®** water-soluble vegetal oils together with **DOCSilFee™ YA-30H** a natural replacement for silicone and **Cetpro PQ-39** to provide glossy shine and a lightly conditioned finish. The foam profile is supported by **Resassol® PG6 Coconut**, a natural mild surfactant based on Coconut Oil.

	Trade Name	INCI Name	Function	%W/W	Supplier
1	Deionized Water	Aqua	Solvent	42.6598	
2	Versene® Na2 Crystals	Disodium EDTA	Chelating Agent	0.05	Dow Chemical
3	Tudor Thyme D&C Red 33	CI 17200	Colour	0.0002	Kingfisher Colours Ltd
4	Tudor Genation FD&C Blue No.1	CI 42090	Colour	0.00004	Kingfisher Colours Ltd
5	Salt PVD	Sodium Chloride	Thickener	2	
6	KEMIONIC SLES 228 UP	Sodium Laureth Sulfate	Primary Surfactant	39	Kemcare
7	SURFAC B4	Cocamidopropyl Betaine	Secondary Surfactant	12	Surfachem
8	Resplanta® Soja	Grape Seed Oil Glycereth-8 Esters and Aqua	Water Soluble Oil	0.33	Res Pharma via ProTec Ingredia Ltd
9	Resplanta® Sun	Sunflower Seed Oil Glycereth-8 Esters and Aqua	Water Soluble Oil	0.33	Res Pharma via ProTec Ingredia Ltd
10	Resplanta® Grape	Soyabean Oil Glycereth-8 Esters and Aqua	Water Soluble Oil	0.33	Res Pharma via ProTec Ingredia Ltd
11	Perfume AR323842	Parfum	Fragrance	0.3	CPL Aromas
12	DOCSilFee™ YA-30H	TBC	Natural Silicone Replacement	0.1	DOC JAPAN Via ProTec Ingredia Ltd
13	Cetpro PQ-39	Polyquaternium-39	Conditioner	0.5	ProTec Ingredia Ltd
14	RESASSOL® PG6 COCONUT	Coconut oil polyglyceryl-6 esters	Mild Surfactant	2	Res Pharma via ProTec Ingredia Ltd
15	Glydant Ltd	DMDM Hydantoin	Preservative	0.4	Lonza

ProTec Ingredia Ltd

Unit 10, Delta Court, Manor Way, Borehamwood, Hertfordshire, WD6 1FJ, UK

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

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Method of Manufacture

Into the main vessel add:

Deionized Water	Start the mixer on a fast speed.	
Disodium EDTA	Mix until fully dispersed and no lumps remain.	
Tudor Thyme D&C Red 33	Mix until dispersed.	
Tudor Genation FD&C Blue No.1	Mix until dispersed.	
Salt	Mix until dissolved.	Reduce the mixer speed to moderate\slow
KEMIONIC SLES 228 UP	Mix until dispersed.	
SURFAC B4	Mix until dispersed.	

Into a suitable sized premix vessel add:

Resplanta® Soja	
Resplanta® Sun	
Resplanta® Grape	
Perfume AR323842	
DOCSilFee™ YA-30H	Mix until homogenous.

Add the premix vessel to the main vessel, stir slowly until homogenous.

Into the main vessel add

Cetpro PQ-39	Mix until homogeneous.
RESASSOL® PG6 COCONUT	Mix until homogenous.
Glydant Ltd	Mix until homogenous.

Check product specifications

Product Specifications

pH	5.0 - 6.0
Viscosity	6,000 - 12,000 cps Spindle 3, speed 6.0 30 seconds
Colour	Mauve
Appearance	Clear to slightly hazy liquid

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