

Body Cream with **ESSACHEM™ SOW**

ESSACHEM™ SOW gives enhanced structure to this luxurious cream . It has excellent spreadability and emolliency, whilst providing a silky, non-greasy after feel.

	Trade Name	INCI Name	Function	%W/W	Supplier
1	Water (1)	Aqua	Solvent	50.27	
2	Versene® NA2 Crystals	Disodium EDTA	Chelating Agent	0.05	Dow Chemical
3	Organic Glycerine	Glycerin	Humectant	2	ProTec Botanica
4	Novaxan 80T	Xanthan Gum	Rheology Modifier	0.1	ADM Via ProTec Ingredia
5	Water (2)	Aqua	Solvent	30	
6	Ultrez 20	Acrylates/C10-30 Alkyl Acrylate Crosspolymer	Rheology Modifier	0.1	Surfachem
7	EMULPHARMA® 165	GLYCERYL STEARATE, PEG-100 STEARATE	Emulsifier	2	RES PHARMA® Srl Via ProTec Ingredia
8	Polawax GP200	Cetearyl Alcohol & Ceteareth-20	Emulsifier	1	CRODA
9	CETIOL® SN	Cetearyl Isononanoate	Emollient	4.5	BASF
10	CETIOL® 868	Ethylhexyl Stearate	Emollient	3	BASF
11	ESSACHEM™ O	Octyldodecyl Olivatate	Light, fast absorbing ester	1.5	ESSACHEM™ Via ProTec Ingredia
12	ESSACHEM™ SOW	Stearyl Olivatate	Soft, non-greasy ester	3	ESSACHEM™ Via ProTec Ingredia
13	LANETTE® S3	Cetearyl Alcohol	Co-Emulsifier	1.5	BASF
14	Potassium Hydroxide (36% Solution)	Potassium Hydroxide	Neutraliser	0.08	
15	Neolone™ PE	Phenoxyethanol, Methylisothiazolinone	Preservative	0.6	Dow Chemical
16	Perf Comp 226362 Fir	Parfum	Fragrance	0.3	Symrise

ProTec Ingredia Ltd

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

 Website: www.protecingredia.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 (1)	Start the mixer on a fast speed
Disodium EDTA	Mix until dispersed
Xanthan Gum	Sprinkle Xanthan Gum into the Vortex of the mixer, mix until dissolved
Glycerin	Mix until dissolved

Into premix vessel(1) add

Purified Water (2)	
C10-30 alkyl acrylate crosspolymer	Slowly sprinkle over the surface and leave to 'wet out'

Add the premix vessel(1) into the main vessel

Mix until homogenous

Heat the main vessel to 75C-80C

Into premix vessel(2) add

EMULPHARMA® 165

Polawax GP200

CETIOL® SN

CETIOL® 868

ESSACHEM™ O

ESSACHEM™ SOW

LANETTE® S3 Commence heating the premix vessel to 75-80C

When both vessels are at 75C-80C add the premix vessel into the main vessel and homogenize for 5 minutes

Into the main vessel add:

Potassium Hydroxide	Homogenise for a further minute
	Start the mixer on a moderate\slow speed
	Commence cooling the main vessel to 23C

When the bulk is 40C or below add

Neolone™ PE	Mix until dispersed
Parfum	Mix until dispersed
	Continue to cool to 23C

When the product is at 23C Check the product specifications

Product Specifications

pH	5.30 - 6.30
Viscosity	25-30,000 cps LVT Spindle 4, Speed 10, 30 seconds
Colour	White
Appearance	Viscous, mobile liquid emulsion.
Odour	Floral

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