

ProTec Mattifying Cream With EPS SEAMAT PA & Mattewax 511

This mattifying cream is absorbed instantly to provide balanced hydration and lasting protection from shine. The active ingredient is **EPS SEAMAT** a natural ExoPolySaccharide (EPS) produced by marine plankton which has proven to provide a rapid action, long-lasting mattifying effect.

	Trade Name	INCI Name	Function	%W/W	Supplier
1	Water (1)	Aqua	Solvent	68.6	
2	Versene® NA2 Crystals	Disodium EDTA	Chelating Agent	0.1	Dow Chemical
3	Organic Glycerine	Glycerin	Humectant	1	ProTec Botanica
4	Stabileze QM polymer	PVM/MA Decadiene Crosspolymer	Thickener	1	Ashland
5	Euxyl® PE 9010	Phenoxyethanol, Ethylhexylglycerin	Preservative	1.1	Schülke UK
6	EMULPHARMA® 165	Glyceryl Stearate, PEG-100 Stearate	Emulsifier	3.5	RES PHARMA® Srl
7	Lexfeel D5	Neopentyl Glycol Diheptanoate (and) Isododecane	Emollient	5	Inolex
8	KAK 99	Isononyl Isononanoate	Emollient	5	Kokyu Alcohol Kogyo
9	Cosmacol ELI	C12-13 Alkyl Lactate	Emollient	3	SASOL
10	ESSACHEM™ BW	Behenyl Olivatate	Emollient ester, Spreadability	3.5	ESSACHEM™ Via ProTec Ingredia
11	Mattewax 511	Polypropylene	Shine Control	5	Micro Powders Inc Via ProTec Ingredia
12	SeraSense SF PTM	Phenyl Trimethicone	Phenyl Modified Silicone	1	Basildon KCC
13	Sodium Hydroxide (47% Solution)	Sodium Hydroxide	Neutraliser	0.2	
14	EPS SEAMAT PA	Aqua (and) Plankton extract (and) Phenethyl alcohol	Active Ingredient	2	Codif Via ProTec Ingredia

ProTec Ingredia Ltd.

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

Website: www.protectingredia.com

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

The information provided, to the best of our knowledge is believed to be correct however we do not guarantee its accuracy. Potential purchasers shall not only rely on information stated herein when purchasing any products and should make their own investigations to determine if such products are suitable for a particular use. It is your responsibility to thoroughly test any formulations and all warranties, indemnities or liabilities implied or expressed by law are hereby excluded by ProTec Ingredia Ltd to the fullest extent permitted by law.

Method of Manufacture

Into the main vessel add:

Purified Water (1)	Start the mixer on a fast speed.
Disodium EDTA	Mix until dispersed.
Glycerin	Mix until dissolved.
EuXYL® PE 9010	Mix until dispersed.

Into premix vessel add:

Stabileze QM polymer	Mix until dispersed.
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Heat the main vessel to 75C-80C.

Into premix vessel add:

EMULPHARMA® 165

Lexfeel D5

KAK 99

Cosmacol ELI

ESSACHEM™ BW

Mattewax 511

LANETTE® S3

Commence heating the premix vessel to 75-80C.

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

Into the main vessel add:

SeraSense SF PTM	Homogenise for a further 2 minutes. Commence cooling to 23C. Start the mixer on a moderate speed. Adjust the mixer speed accordingly to ensure adequate batch turn over. avoiding aeration.
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When the product is at 40C or below add:

EPS SEAMAT	Mix until homogenous
Sodium Hydroxide	Mix until homogenous

Continue to cool to 23C

When the product is at 23C Check the product specifications

Product Specifications

pH	4.2-4.8
Viscosity	30,000-35,000 cps LVT Spindle 4, Speed 10, 30 seconds
Colour	White
Appearance	Viscous, mobile liquid emulsion.

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