

Aevum Vita 525

Luxurious skin feel	Clear gels	Rheology	Stabilisation	Sensory benefits
✓	✓	✓	✓	✓

INCI declaration

ammonium polyacryloyldimethyl taurate

Aevum Vita 525 is an anionic thickener, supplied as a powder. It can be used to create crystal clear gels, or medium viscosity emulsions with a silky soft feel. In surfactant based formulations, it provides enhanced foam stability, and it has excellent electrolyte resistance. Easily dispersed, Aevum Vita 525 is suitable for hot or cold processes, across a wide pH range..

In Use Concentrations	ISCA recommendation	EU Cosmetic Regulation (max)
Leave-on	1.0 – 3.0 %	No limit
Rinse-off	1.0 – 3.0 %	No limit

In use concentrations vary according to the formulation type and the other ingredients present. The correct use dosage should be determined by microbial challenge testing of the finished formulation (ISCA UK offers discounted challenge testing to our customers).

Recommended Applications

Shampoo, Shower gel (Rinse-off)	Creams, lotions (Leave-on)	O/W emulsions	W/O emulsions	Wet wipes	Eye care	Lip care	Oral care	Children under 3
●	●	●	●	●	●	●	●	●

Use scenarios derived from evaluation of Cosmetic Regulation guidelines and preservative performance for typical formulations.

Aevum Vita 525

Formulation guidelines	
Appearance	White powder
Viscosity as 1% solution	6,000 - 14,000 cP
Effective pH use range	4 - 8
Active content	> 92 %

General information

Aevum Vita 525 can be used to create crystal clear gels and serums, or as an emulsion stabiliser. As well as its rheological behaviour, it also offers excellent sensorial properties - a silky soft feel, good spreadability and quick absorption. In addition, its excellent electrolyte resistance may be utilised for formulations with high salt content.

For most formulations, maximum thickening is achieved after stirring for approximately 15 to 30 minutes under medium shear conditions. Aevum Vita 525 can be used in hot or cold processes.

Aevum Vita 525 is compatible with most commonly used personal care ingredients.

The product is supplied in 10 kg bags, and should be stored at temperatures between 5 - 35 °C.

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