

Aevum Vita 500

Luxurious skin feel	Soft, smooth texture	Rheology	Stabilisation	Sensory benefits
✓	✓	✓	✓	✓

INCI declaration
Polyacrylamide, C13-14 Isoparaffin, Laureth-7

Aevum Vita 500 is a multifunctional additive providing thickening, stabilising and texturising properties to a wide range of cosmetic formulations. Aevum Vita 500 is supplied as an easy to use, low viscosity liquid, and is suitable for both aqueous and non-aqueous compositions. It works well over a wide pH range and can be used in hot or cold processes. In addition to its thickening and stabilisation properties, Aevum Vita 500 imparts noticeable sensory benefits to the end product.

In Use Concentrations	ISCA recommendation	EU Cosmetic Regulation (max)
Leave-on	0.1 – 3.0 %	no limit
Rinse-off	0.1 – 3.0 %	no limit

In use concentrations vary according to the formulation type and 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.

Formulation guidelines	
Appearance	Low viscosity, creamy liquid
Flashpoint	> 100 °C
Specific gravity at 25 °C	1.05
Effective pH range	2 - 12
General information	Aevum Vita 500 can be used to thicken and stabilise all types of cosmetic formulations, from sprayable liquids to high viscosity gels and creams. Aevum Vita 500 can be added as the final ingredient in hot or cold processes. For most formulations, maximum thickening is achieved after a few minutes with moderate stirring. For highly acidic or highly alkaline formulations, slightly longer mixing times may be required. Aevum Vita 500 is an inverse emulsion thickener, and is compatible with all commonly used personal care ingredients. It should be stored at temperatures between 5 - 30 °C. At higher temperatures the product may build laminar phases during storage, separating into 2 layers. In this case, the product should be homogenised before use by simply shaking the container, stirring by hand, or mixing at low speed.

