

Aevum Vita 595

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

INCI declaration
polyacrylamide, C13-14 isoalkane (formerly C13-14 isoparaffin), laureth-7, Aqua

Aevum Vita 595 is an inverse emulsion thickener, which provides stabilising and texturing properties to a wide range of cosmetic formulations. Aevum Vita 595 is supplied as an easy to use, low viscosity liquid, and is suitable for both aqueous and non-aqueous compositions. It can be used over a wide pH range, in both hot or cold processes. In addition to its rheological properties, Aevum Vita 595 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 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.

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Formulation guidelines	
Appearance	White viscous liquid
1 % paste pH value	~ 7
Effective pH use range	4 - 10
Active content	~ 40 %

Aevum Vita 595 can be used to thicken and stabilise all types of cosmetic formulations, from sprayable liquids to high viscosity gels and creams. Aevum Vita 595 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 595 can be used within a pH range of 3 - 12, although optimum viscosity is achieved when the pH is between 4 and 10.

General information

Aevum Vita 595 is compatible with most commonly used personal care ingredients, although a loss of structure is observed in the presence of salts.

The product 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.

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