

Aevum Vita 167

Renewable Source	GMO free	COSMOS compliant	Preservative Free	RSPO
✓	✓	✓	✓	✓

INCI declaration
Propanediol

Aevum Vita 167 is a multipurpose ingredient for cosmetics, which functions as an emollient, humectant, preservative booster, viscosity enhancer and solvent. It is derived from renewably sourced GMO-free glycerol, and offers improved performance in comparison to petroleum based glycols. Aevum Vita 167 can be used in cosmetic formulations to improve both skin and hair moisturisation properties, increased smoothness, higher water absorption, a silky feel, but with reduced tackiness.

In Use Concentrations	ISCA recommendation	EU Cosmetic Regulation (max)
Leave-on	1.0 – 5.0 %	no limit
Rinse-off	1.0 – 5.0 %	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	
Purity	> 99.8 %
Colour	< 10 Hazen
Water content	< 0.1 %
Solubility	miscible with glycols, alcohols, and water
General information	<p>Aevum Vita 167 has neutral pH, and is non-irritating / non-sensitising even at very high concentrations. It is miscible with most glycols and alcohols, and is easily dissolved into water. Aevum Vita 167 can be combined synergistically with glycerin to produce a long lasting moisturising effect.</p> <p>Aevum Vita 167 can also be used as a solvent for other active ingredients such as allantoin, anti-oxidants, botanicals, etc, or it can be used as a preservative booster to increase the efficacy of antimicrobial ingredients such as phenoxyethanol.</p>