



Valida Visco-S+

Product description

Valida Visco-S+ is a natural rheology modifier which imparts multiple properties to a wide range of personal care and homecare applications including aqueous systems, oil in water emulsions, serums and creams.

Material information

- Cellulose gel
- INCI name: Cellulose
- 100% natural origin
- Sourced from FSC® (Forest Stewardship Council®) certified sustainable forests
- Unmodified and insoluble in water
- Non-toxic

Features	Benefits
An extensive fibre network with a high surface area	<ul style="list-style-type: none">• Effective thickening through a network formation• Provides creams and serums with a unique texture
Hydrogen bonds quickly reassemble	<ul style="list-style-type: none">• Rapid viscosity recovery post-shear
High gel strength	<ul style="list-style-type: none">• Prevents dripping• Improves storage stability
Highly shear thinning	<ul style="list-style-type: none">• Easy to pump or spray (aerosol)• Good spreadability and skin coverage
No chemical modifications	<ul style="list-style-type: none">• Stable performance in pH range 4-11• Robust performance in a wide temperature range• Excellent skin feel – non-greasy and no odour
Contains no mono-sugars	<ul style="list-style-type: none">• Easy to preserve
Pre-hydrated	<ul style="list-style-type: none">• Facilitates easy incorporation



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User guidance

- Pre-hydration facilitates easy incorporation
- Dosing rate: 2-6%
- Viscosity can be manipulated by varying the concentration
- Dispersion guidance: stir thoroughly before use. The shear will open the physical fibre entanglements which leads to a maximised performance. Proper dispersion of Valida is essential in order to achieve the optimum functionalities.

Dispersion equipment	Speed (rpm)	Batch size (litre)	Dispersion time (min)
High-shear mixer	10,000	0.2	5
Mid-shear blender	2,000	0.2	30

