



# Vegetatum® EQUILINE SF

*Sustainable*

*Functional*

*Cost effective*

Vegetatum® vegetable gels are proven, functional alternatives to petrolatum in a variety of personal care formulations. They consist of a proprietary vegetable gel technology using natural ingredients. They can also be used to build viscosity and improve feel of anhydrous formulations.

- Equivalent water repellency and TEWL to petrolatum with a less greasy, less tacky feel
- Reduces expensive natural waxes in anhydrous formulations
- Increases melting temperature of anhydrous products, when compared to using petrolatum



<b>INCI Name</b>	Canola oil (and) Zea Mays (Corn) Starch (and) Silica
<b>Recommended Uses</b>	Opaque or emulsion products as a petrolatum replacement Opaque anhydrous products to build viscosity and improve stability
<b>Recommended Usage Levels</b>	1 - 5% as petrolatum replacement 10% + in anhydrous products
<b>Pack Sizes Available</b>	21 kg pails or 195 kg drums

<b>Appearance</b>	Opaque, light yellow gel
<b>Odour</b>	Light, characteristic
<b>Solubility</b>	Soluble in all vegetable oils, glycerol triisostearate, isostearyl isostearate, oleic acid, isostearic acid, coco-caprylate/caprates and mixed glycerides. Insoluble in water, absolute ethanol, 1,2 propanediol, di/cyclomethicone
<b>Bacteriological Data</b>	Bacterial count (aerobic) <100 cfu/g
<b>pH (1:20 water emulsion)</b>	4.6 – 6.6
<b>Stability</b>	Store below 21°C in sealed containers. Shelf life is 1 year from ship date.
<b>Formulating Recommendations</b>	Formulate at pH range of 3-8 and temperature range of 25°C - 80 °C (75 °C)



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