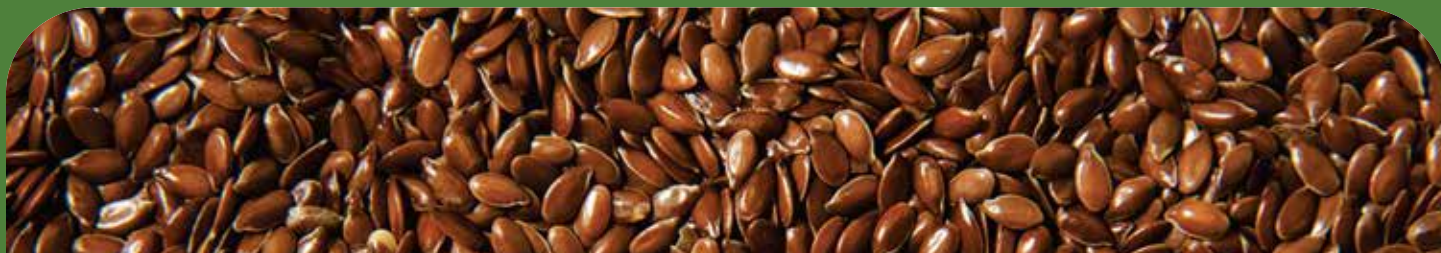




Vegetatum® OMEGA-3

Non-Petroleum • High Temp Stable • Plant-Based • Proven



Vegetatum® plant-based 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.

Vegetatum® Omega-3 leverages natural flax seed oil that is rich in Omega-3 fatty acids, a cutting-edge consumer trend that has been linked to many skin and hair benefits. This product is ideally suited to deliver Omega-3 flax oil in a proprietary viscous gel structure, which is proven to have enhanced stability when compared to flax seed oil alone (OSI 110°C of Vegetatum® Omega-3 was tested at 15.4 hours, compared to OSI of flax seed oil at 4.7 hours).



INCI Name	Linum Usitatissimum (Linseed) Seed Oil (and) Canola Oil (and) Silica (and) Rosemary Extract
Recommended Uses	Haircare and Skincare products to deliver Omega-3 in a stable vegetable gel format
Recommended Usage Levels	1 - 10%
Pack Sizes Available	21 kg pails or 195 kg drums

Omega-3 Content (ALA)	9 - 12%
Appearance	Transparent, light yellow viscous gel
Odour	Light, characteristic
Solubility	Soluble in all vegetable oils, glycerol triisostearate, isostearyl isostearate, oleic acid, isostearic acid, coco-caprylate/caprate and mixed glycerides. Insoluble in water, absolute ethanol, 1,2 propanediol, dimethicone.
Bacteriological Data	Bacterial count (aerobic) <100 cfu/g
pH (1:20 water emulsion)	4.6 - 6.6
Stability	Store below 21°C in sealed containers. Shelf life is 1 year from ship date.
Formulating Recommendation	Formulate at pH range of 3-8 and temperature range of 25°C - 60°C.



PACKAGED BY PACIFIC BLENDS LTD.

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