

KIGA PE

- > Increased Firmness and Elasticity
- > Suitable for Sensitive Skin



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Source

Kigelia Africana commonly known as the sausage tree. The name arises from the shape of its fruit and it occurs throughout Africa [Gra2002, Hou2002]. Traditionally the fruit is used to treat eczema, wounds and ulcers [Gra2002, Hou2002]. The fruit used is sustainably harvested in South Africa by local communities.

Benefits

Kigelia has been used in skincare products for its firming and elasticity effect. Firming, 13%, was seen by all subjects after 28 days [2016Der].

Activity

Kigelia Africana extract has shown skin firming and increased elasticity properties [2016Der].

Ethics

Nagoya compliant
Sustainably harvested
Preservative free
100 % Natural
GMO free



KIGA PE



Technical

Usage	0.05 - 0.3% m/m
pH	4-6 (1% m/m (aq)), 25°C
INCI	<i>Kigelia</i> Africana fruit extract on maltodextrin 30% m/m
CAS numbers	N/A
Description	100% natural origin
Appearance	Light brown powder
Solubility	Soluble in water

Shelf life	24 months
Storage conditions	Away from direct sunlight. Store 2°C to 25°C.
Total plate count	< 100 C.F.U./g
Physical process	Hammermill, extraction (aq), excipient, vacuum spray drying.
Recommended use level	0.05 - 0.3% m/m

Formulation Information

Kiga PE is added;	before homogenisation. into aqueous phase with stirring. with heating to 40°C. before gelling agent.
Compatible with;	most emulsifiers. most gelling agents.
Incompatible with;	oil only formulations. white emulsions (slight discolouring effect).
Application	Suitable for increased firmness and elasticity.

References

- [2002Gra] Grace, O.M.; Light, M.E.; Lindsey, K.L.; Mulholland, D.A.; van Staden, J.; Jager, A.K. Antibacterial activity and isolation of active compounds from the fruit of the traditional African medicinal tree *Kigelia Africana*. *South African Journal of Botany*, 2002, **68**, 2, 220-222.
- [2002Hou] Houghton, P.J. The sausage tree (*Kigelia pinnata*): ethnobotany and recent scientific work. *South African Journal of Botany*, 2002, **68**, 1, 14-20.
- [2016Der] Prieur, H.; Nissen, B. Efficacy tested with Kigafirm. Derma-Consult: Bonn, Germany 2016.



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