

HARPAGO PE

- > Potent Anti-inflammatory Activity
- > Suitable for Sensitive Skin



Intiki™



HARPAGO PE



Source

Harpagophytum procumbens, commonly known as Devil's Claw, is a hardy plant that grows in the desert regions of South West Africa. The name is derived from the distinctive shape of its fruit, which has hook like protrusions to cling onto passing animals for seed dispersion. Traditionally the root has been used to treat a variety of conditions including sores and skin lesions [1992Lan]. The root is sourced from Namibia where it is sustainably harvested by the local community.

Benefits

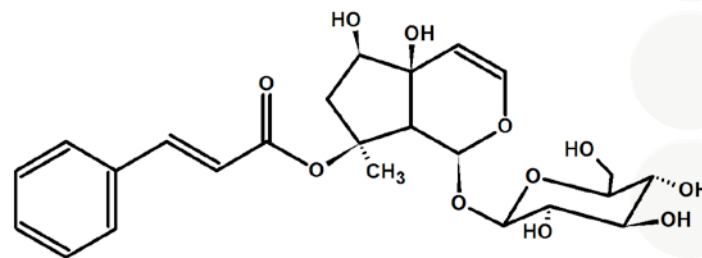
Devil's Claw has been used in skincare products due to its healing anti-inflammatory [2008aAbel, 2008bAbel, 2009Abel] and antioxidant [2018The] properties, both of which are beneficial to stressed skin.

Activity

The main active compounds found in the root are Harpagoside, 8-coumaroylharpagide and verbascoside. All three synergistically show dermal anti-inflammatory action [2008aAbd, 2008bAbd, 2009Abd].

Ethics

- Nagoya compliant
- Sustainably wild harvested
- Preservative free
- Ecocert compliant
- 100 % Natural
- GMO Free



Harpagoside



HARPAGO PE



Technical

Usage	0.1 – 2%
pH	5-7 (1 % m/m (aq)), 25 °C)
INCI	<i>Harpagophytum procumbens</i> root extract.
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 at 2°C to 25°C.
Total plate count	< 100 C.F.U./g
Physical process	Hammermill, extraction (aq), filtration, vacuum spray drying
Recommended use level	0.1 – 2 %

Formulation Information

Harpago PE is added;	before homogenisation. into aqueous phase with stirring. with heating to 60 °C. before gelling agent.
Compatible with;	most emulsifiers. most gelling agents. most emollients.
Incompatible with;	oil only formulations. white emulsions (has a discolouring effect).
Application	Suitable for anti-inflammatory, multipurpose formulations.

References

- [1992Lan] Lanhers, M.-C.; Fleurentin, J.; Mortier, F.; Vinche, A.; Younos, C. Anti-inflammatory and analgesic effects of an aqueous extract of *harpagophytum procumbens*. *Planta. Med.*, 1992, **58**, 2, 117-123.
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- [2008bAbd] Abdelouahab, N.; Heard, C. Dermal and transcutaneous delivery of the major constituents of *harpagophytum procumbens* (Devil's Claw) in vitro. *Planta. Med.*, 2008, **74**, 5, 527-531.
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- [2018Ther] Theron, T.J.; Groenewald, K.; Steyn, T.; Mansoor, R. *Report on antioxidant content of extracts*. Intiki, 2018.



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