USES

- POST-SURGERY SCARS
- HYPERTROPHIC SCARS
- ACNE SCARS
- KELOIDS



DIRECTIONS

Use on dry and clean skin. Apply to the affected area and massage as directed, at least twice a day.

External use only.
Do not apply to open wounds. Avoid contact with eyes.
Keep out of the reach of children.

ACTIVE INGREDIENTS

Glycerin 3%

INACTIVE INGREDIENTS

Aqua, Cyclopentasiloxane, Cetearyl Alcohol, PPG-11 Stearyl Ether, Steareth-2, Ceramide NP, Phytosphingosine, Cholesterol, Sodium Lauroyl Lactylate, Carbomer, Xanthan Gum, Centella Asiatica Leaf Extract, Maltodextrin, Stearic Acid, Palmitic Acid, Phenoxyethanol- Ethylhexylglycerin, C12-C15 Alkyl Benzoate, Steareth-20, Pinus Sylvestris Bud Extract, Sodium Benzoate, Potassium Sorbate, Sodium Hyaluronate, Diazolydinil Urea, Perfume

REFERENCES

- Zelenkova H. Stracenska J. Striae cutis distensae (stretch marks) and therapeutic opportunities. Kosmetische Medizin 3-2010
- Romo EM at al The effectiveness of cream with Centella Asiatica and Pinus Sylvestris to treat scars and burns. Clinical Trial Dermatologia Kliniczna 2012, 14 (2): 105-110 ISSN 1730-7201
- De Armas LR, Zelenkova H. The efficacy of a cream with Centella Asiatica and Pinus Sylvestris to treat hypertrophic scars and keloids – resume of a clinical observation. KOSMETISCHES MEDIZIN 4-12
- Coldren CD et al. Gene expression changes in the human fibroblast induced by Centella asiatica triterpenoids. PiantaMed. 2003; 69:725-732.
- Widgerow AD et al. New innovations in scars. Aesth. Plast. Surg. 2000; 24: 227-234.
- Shukla A et al. In vitro and in vivo wound healing activity of asiaticoside isolated from Centella asiatica. J of Ethnopharmacol1999; 65: 1-11.
- Park BC et al. Asiatic Acid induces apoptosis in SK-MEL-2 human melanoma cells. Cancer Letters 2005; 218: 81-90
- Centella asiatica - Monograph. Altem Med Review 2007; 12(1): 69-72
- Lee J al el. Asiaticoside induces human collagen I synthesis through TGFbeta receptor I kinase (TbetaRIkinase)-independent Smad signaling. PiantaMed. 2006; 72(4): 324-328.
- Shukla A et al. Asiaticoside-induced elevation of antioxidant levels in healing wounds. Phytother Res. 1999; Feb 13(1): 50 - 54.
- Sunilkumar et al. Evaluation of topical formulations of aqueous extract of Centella asiatica on open wounds in rats. Indian JExp Biol 1998; 36(6): 569-572
- Shetty BS et al. Effect of Centella asiatica L (Umbelliferae) on normal and dexamethasone-suppressed wound healing in Wistar Albino rats. Int J Low Extrem Wounds 2006; Sep 5(3): 137-143
- Nelson AB et al. Pycnogenol® inhibits macrophage oxidative burst, lipoprotein oxidation, and hydroxyl radical-induced DNA damage. Drug Dev Ind Pharm. 1998; 24 (2), 139-144.
- Packer L et al. Antioxidant activity and biologie properties of a procyanidin-rich extract from Pine (Pinus maritime) bark, Pycnogenol®. Free Rad Bioland Med 1999; 27 (5/6), 704-724.
- Sarikaki V et al. In vitro percutaneous absorption of pine bark extract (Pycnogenol®) in human skin. Cutaneous and Ocular Toxic 2005; 23(3): 149-158
- Blaszo G et al. Pycnogenol® accelerates wound healing and reduces scar formation. Phytotherapy Res 2004; 18: 579-581.
- Grimm T et al. Antioxidant activity and inhibition of matrix metalloproteinases by metabolites of maritime pine bark extract (pycnogenol). Free Rad Biol Med 2004; 36(6): 811-822
- Sime Set al. Protection from inflammation, immunosuppresion and carcinogenesis induced by UV radiation in mice by topical Pycnogenol®. Photochem.Photobiol2004; 79(2): 193-198.
- Torras MA et al. Antimicrobial Activity of Pycnogenol®. Phytother Res 19: 647-648, 2005.
- Pycnogenol® in Topical Skin Care. Product information from Horphag Research-Geneva. Late printed from www. pycnogenol.com on 29th Sept 2011.

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CICATRIX NATURAL INGREDIENTS

- *HELP WOUND HEALING AND CICATRIZATION PROCESSES*
- *PROMOTE THE EPITHELIZATION*
- *INHIBIT THE INFLAMMATORY PROCESS RESPONSIBLE FOR SCAR HYPERTROPHY*

SYNERGY OF ACTIVE INGREDIENTS FROM NATURAL SOURCES

Centella asiatica and Pinus sylvestris

PINUS SYLVESTRIS

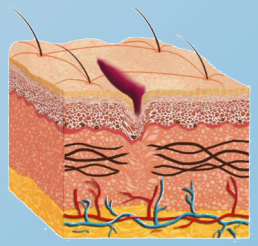
Pinus sylvestris is a species of Pine rich in actives principles (such as terpenes, resin acids and pinene) with anti-inflammatory and scar-healing properties.



CENTELLA ASIATICA

Centella asiatica is a plant rich in triterpenic acids, which have a normalizing action on the connective tissue, by encouraging fibroblast proliferation and collagen synthesis.

All active ingredients contained in Catalysis products undergo a patented, exclusive process of molecular activation. This special procedure increases the skin-healing activity of Cicatrix active compounds.



EFFECTIVE IN OVER 80% OF CASES

VISIBLE RESULTS IN 3 WEEKS

BEFORE



AFTER



Treatment Duration

- **SCARS**
  - Caused by surgery or cuts
- **ABRASIONS**
- **SCRATCHES**

1 Week

- **ACNE**
- **SCARS**
- **KELOIDS**

3 Weeks

6 Weeks

- **OLDER SCARS**

9 Weeks

12 Weeks