



# **CAPSIGEL**

**NATURAL TREATMENT OF ITCH AND PAIN  
NATURAL IMPROVEMENT OF BLOOD CIRCULATION**



## **CAPSIGEL CONTAINS COMBINATION OF:**

Capsicum Annuum Fruit Extract – to improve local blood circulation and ease pain in case of arthritis and rheumatoid arthritis, diabetic neuropathy

Lavandula Officinalis Flowers Oil – as calming, antiseptic and analgesic agent and to improve skin healing rate

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## KEY ADVANTAGES

- 1) NATURAL AND EFFECTIVE FORMULA BASED ON TWO ACTIVE INGREDIENTS, WHICH HAVE SYNERGIC EFFECT
- 2) PRODUCT DEVELOPED IN COOPERATION WITH DISTRIBUTORS AND DOCTORS IN GULF COUNTRIES AND THAILAND
- 2) HIGH STABILITY OF GEL FORM - 36 MONTHS SHELF LIFE, UP TO 30 CENTIGRADES STORAGE CONDITIONS
- 3) PRODUCED IN cGMP FACTORY REGULARLY AUDITED ACCORDING PIC/S STANDARDS
- 4) EUROPEAN ORIGIN OF INGREDIENTS AND FINAL PRODUCT
- 5) RELIABILITY OF SALES TEAM EXPERIENCED IN EXPORT TO 30 COUNTRIES



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PRODUCT SPECIFICATION  
PS - A/0001/1.0

## COMPOSITION

Altover s.r.o.  
Janovice 642  
739 11  
Czech Republic

CapsiGel	
<b>Form</b>	gel
<b>Colour / aroma</b>	Yellowish / lavender
<b>Volume / tolerance</b>	100 ml / tolerance $\pm$ 5%
<b>pH parameter</b>	pH 5,5 - 7,0
<b>Shelf life</b>	36 months
<b>Storage conditions</b>	Up to 30°C, keep away from light
Composition (INCI)	%
PEG 14 Dimethicone	...
Sodium Hydroxymethylglycinate	...
Carbomer	...
Lavandula Officinalis Oil	...
Methyl Nicotinate	...
Capsicum Annum Extract	...
Aqua	...
<b>Total (%)</b>	<b>100,000</b>

## USAGE

Apply 3 times daily to affected area(s) as needed. Up to 14 days may be needed for the full analgesic effect to develop.



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## SHORT REVIEW OF CLINICAL BACKGROUND - CAPSAICIN

Topically applied capsicum (0.025-0.25%) has been found to be effective in reducing the symptoms of chronic soft tissue pain. This condition results in pain of the muscles, tendons or ligaments as opposed to pain originating in the bones.

Capsaicin in topical use has been reported to be useful in alleviating post-herpetic neuralgia, post-mastectomy pain syndrome, arthritis and rheumatoid arthritis,(6),(7) painful diabetic neuropathy,(1) psoriasis,(2) pruritus, and other conditions.(3),(4), (5)



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## SHORT REVIEW OF CLINICAL BACKGROUND - LAVANDULA

A number of studies have reported that lavender essential oil may be beneficial in a variety of conditions, including insomnia, alopecia (hair loss), anxiety, stress,(10) and postoperative pain.(9)

Lavender is also being studied for antibacterial and antiviral properties.(8) Lavender oil is often used in other forms of integrative medicine, such as massage, acupuncture, and chiropractic manipulation.



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- 1 Topical Capsaicin in Painful Diabetic Neuropathy: Controlled Study With Long-Term Follow-Up  
Rup Tandan, MD, MRCP, Gloria A Lewis, BS, RN, Patricia B Krusinski, BS, Gary B Badger, MS and Timothy J Fries, MD
- 2 Anand P. Capsaicin and menthol in the treatment of itch and pain: recently cloned receptors provide the key.  
Gut. Sep2003;52(9):1233-5.
- 3 Magnusson BM. Effects of Topical Application of Capsaicin to Human Skin: A Comparison of Effects Evaluated by Visual Assessment, Sensation Registration, Skin Blood Flow and Cutaneous Impedance Measurements. Acta Derm Venereol. Mar1996;76(2):129-32.
- 4 Rains C, et al. Topical Capsaicin. A Review of Its Pharmacological Properties and Therapeutic Potential in Post-herpetic Neuralgia, Diabetic Neuropathy and Osteoarthritis. Drugs Aging. Oct1995;7(4):317-28.
- 5 Topical application of doxepin hydrochloride, capsaicin and a combination of both produces analgesia in chronic human neuropathic pain: a randomized, double-blind, placebo-controlled study  
Gary McCleane, Pain Clinic, Craigavon Area Hospital, 68 Lurgan Road, Craigavon, BT63QQ5, N. Ireland
- 6 Lorna Mason, research associate, R Andrew Moore, director of research, Sheena Derry, senior researcher, Jayne E Edwards, senior researcher, and Henry J McQuay, professor of pain relief, Pain Research and Nuffield Department of Anaesthetics, University of Oxford, Oxford Radcliffe Hospital, Headington, Oxford OX3 7LJ
- 7 The analgesic efficacy of topical capsaicin is enhanced by glyceryl trinitrate in painful osteoarthritis: a randomized, double blind, placebo controlled study, Gary McCleane, Craigavon Area Hospital Group Trust, Craigavon, Northern Ireland
- 8 Anderson C, Lis-Balchin M, Kifk-Smith M. Evaluation of massage with essential oils in childhood atopic eczema. Phytother Res. 2000;14(6):452-456.
- 9 Yip YB, Tse SH. An experimental study on the effectiveness of acupressure with aromatic lavender essential oil for sub-acute, non-specific neck pain in Hong Kong. Complement Ther Clin Pract. 2006;12(1):18-26.
- 10 Lee IS, Lee GJ. [Effects of lavender on insomnia and depression in women college students]  
Taehan Kanho Hakhoe Chi. 2006;36(1):136-43.



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