



VERSATILE PROPOLIS



Powered by bees.
Proven by science.

	Propolis Oral Junior, water-based, spray with an applicator	Propolis Oral, water-based, spray with an applicator	BIO Propolis defense, water-based, APF® 10, spray	Propolis defense, water-based, APF® 30, with dropper															
SORE THROAT AND PHARYNX	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
GUM/ORAL MUCOSA INFLAMMATION, APHTHAE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PREVENTIVE CARE FOR THE ORAL CAVITY (preventing gum inflammation, oral mucosa, throat and pharynx infection, aphthae, caries formation)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
TO STRENGTHEN THE IMMUNE SYSTEM	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FOR A HEALTHY MUCOSA OF THE GASTRO-INTESTINAL TRACT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SUPERFICIAL WOUNDS, SKIN INFLAMMATION	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FLAVONOIDS (min. mg/ml)	5*	5*	10	30	5*	5*	10	30	5*	5*	10	30	5*	5*	10	30	5*	5*	10

SPRAYS

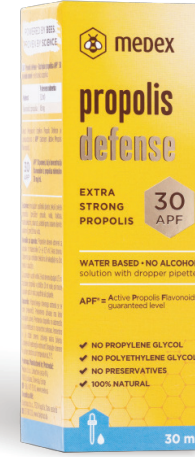
SOLUTIONS



propolis defense

FOR A HEALTHY ORAL CAVITY

AVAILABLE ONLY IN PHARMACIES



STRONGEST WATER-BASED PROPOLIS ON THE MARKET

PREVENTS GUM INFLAMMATION

- 0.75 ml of solution in 20 ml of water for rinsing. The solution may also be swallowed.
- 2 drops of the solution on tooth paste.
- Apply the solution using cotton wool or cotton swab



MAIN ADVANTAGES OF THE PRODUCT:

- **The strongest** propolis on the market with triple **standardisation**.
- Standardised propolis with **APF® factor** (active propolis flavonoids), determining the concentration of flavonoids in a product.
- **Water-based propolis also for children from the age of 3 onwards, pregnant women and breastfeeding mothers.**
- Water-based propolis for oral hygiene – **does not stain tooth enamel.**
- Ensured **high quality and repeatable product effect.**

WHO IS IT INTENDED

- **Adults and adolescents** (alcohol-based tincture and spray), **pregnant women, breastfeeding mothers and children from the age of 3 onwards** (water-based solution)
- **To protect gums, teeth and the oral mucosa,**
 - prevents gum inflammation and caries,
 - helps in case of aphthae.



CLINICAL TRIALS - ORAL HYGIENE

PROPOLIS ADDED TO TOOTH PASTE FOR ADOLESCENT WITH GUM INFLAMMATION (gingivitis as a consequence of dental plaque)

- Gum inflammation and the quantity of dental plaque decreased significantly (10 droplets of 20% alcoholic propolis extract, 2-times a day for 20 days)
- Eradication of certain pathogen microbes, which are involved in the formation of caries and periodontitis

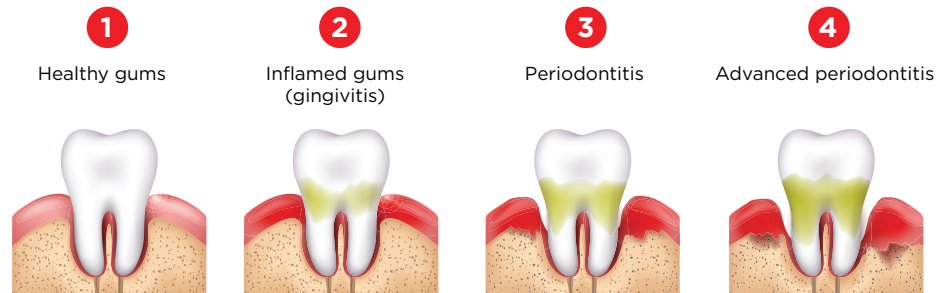
(St. mutans, C. albicans, Fusobacterium spp., Porphyromonas spp., Prevotella spp., ...) (Psycheva et al., 2019)

MOUTH-WASHING WITH A PROPOLIS SOLUTION IN CASE OF GUM INFLAMMATION

- Gum inflammation and bleeding decreased significantly, much better compared to classic treatment with chlorohexidine (28 days, 2% non-alcoholic propolis solution)

(Anauat-Netto et al., 2014)

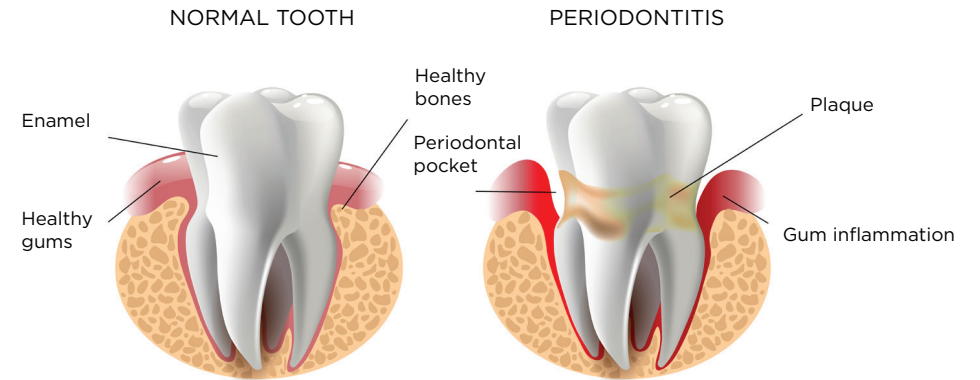
GUM DISEASE DEVELOPMENT



PERIODONTITIS PREVENTION AND TREATMENT (periodontal disease)

- Regular oral application of propolis affects the oral microbial flora, has an antimicrobial effect on oral pathogens which are related to periodontitis (Piekarz et al., 2017)
- **Reduction of the depth of periodontal pockets**(inflamed spaces between the gums and tooth, where the gums receded due to the inflammation)

(Nakao et al., 2020)



MOUTH ULCERATION PREVENTION AND TREATMENT (aphthous stomatitis)



- Reduction of the number and size of aphthous ulcers
- Accelerated healing and reduced pain intensity
- Reduced frequency of aphthae occurrence (before > once every 2 weeks, after treatment with propolis, < once every 3 months!)

(Tonkaboni et al., 2016)

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