



medex
since 1954

BIO propolis defense

WATER-BASED

PRESERVATIVE FREE

100% NATURAL

NO POLYETHYLENE GLYCOL

NO PROPYLENE GLYCOL

ALCOHOL-FREE

THE STRONGEST STANDARDISED PROPOLIS ON THE MARKET

Propolis defense • APF® 10 water-based propolis oral spray • food supplement

WHO IS IT INTENDED FOR?

FOR ALL ADULTS AND TEENAGERS:

- to **alleviate the symptoms of upper respiratory tract infections** (sore, swollen throat and pharynx, hoarseness).
- to **alleviate inflammations and infections of the oral mucosa** (aphthae, gum inflammation, viral, bacterial and fungal infections).
- to **“disinfect” the oral cavity.**

HOW DOES IT WORK?

- Propolis has an **antimicrobial** and **anti-inflammatory** effect on the mucosa as well as on the skin.
- **Main active substances of propolis:** flavonoids, phenol acids and their esters, di-/tri-terpenes, volatile organic substances (essential oils).
- A clinical study has proven that oral application of propolis **shortens the duration of the symptoms of upper respiratory tract infection** (sore and inflamed throat and pharynx, hoarseness) from 5 to 3 days (1).
- Over **1,000 scientific publications on the antimicrobial action of propolis against bacteria, viruses and fungi.**

MAIN ADVANTAGES OF THE PRODUCT:

- **The strongest water-based propolis on the market, with double standardisation and without alcohol.**
- **Standardised propolis with the APF® factor** (Active Propolis Flavonoids), specifying the concentration of flavonoids in a product.
- The **minimum** concentration of propolis flavonoids is **10 mg/ml.**
- **The recommended daily doses are adjusted to findings of clinical studies** (the daily dose is 22 mg of flavonoids).
- Ensured **high quality** and **repeatable product effect.**



10 APF®

The minimum concentration of propolis flavonoids is **10 mg/ml.**



PRODUCT NAME	EAN CODE	COMMERCIAL PACKAGING
BIO Propolis Defense APF® 10 water-based spray, 30 ml	3838988324682	6

Manufactured by: Medex d.o.o., Linhartova cesta 49 A, 1000 Ljubljana, Slovenia ☎ +386 1 475 75 00, www.medex.si

¹ Esposito C, Garzarella EU, Bocchino B, D'Avino M, Caruso G, Buonomo AR, Sacchi R, Galeotti F, Tenore GC, Zaccaria V, Daglia M. A standardized polyphenol mixture extracted from poplar-type propolis for remission of symptoms of uncomplicated upper respiratory tract infection (URTI): A monocentric, randomized, double-blind, placebo-controlled clinical trial. *Phytomedicine*. 2021 Jan; 80:153368.



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INSTRUCTIONS FOR USE

The recommended daily dose for adults and teenagers over 12 years of age is 6-times 3 applications per day, and for children over 3 years of age 5-times 2 applications per day directly into the oral cavity. Shake well before use.

INGREDIENTS

Liquid propolis extract* (emulsifier: vegetable glycerol*, propolis extract*, water, brown sugar*, thickener: gum arabic*, maltodextrine*, colourant: caramel*), purified water, honey* 10%, peppermint essential oil* (*Mentha piperita*), natural flavouring*

- * ORGANICALLY produced

ATTENTION

Do not exceed the recommended daily dose. Excessive consumption may produce laxative effects. A varied and balanced diet and a healthy lifestyle are very important. Keep out of reach of children! Store in a dark place with temperature below 25 °C.

CONTENT

Content	In a daily dose (6x 3 applications = 2,2 ml)
Propolis flavonoid	22 mg



Medex uses only **standardised propolis** in its products. Standardisation enables that each product batch has a consistent flavonoid content. The strength and quality of products in the Propolis Defense line is standardised with the **APF® factor (Active Propolis Flavonoids)**, which specifies the flavonoid concentration in a products, and daily doses are adjusted to findings of clinical studies.

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