

# **PROPOLIS**

## **What is propolis**

Bees have used propolis for millions of years, and humans have used it for thousands. Propolis is a vegetable mastic made by honeybees from resins collected from the bark and sticky buds of a variety of trees and balsamic plants. Gathered by the oldest bees, the resins are brought back to the hive and mixed with some wax and salivary secretions before using to sterilize the hive against infection. Also called "bee glue", propolis is used by the bees to varnish the hive interior, seal cracks and cement things together. Propolis reinforces the hive and protects the hive. After the summer honey harvest, a specialized screen is placed on the hive. The bees do not like draughts and quickly fill the holes with propolis. The screens are then removed to harvest the propolis.

## **Constituents of Propolis**

\* Raw propolis is composed of 50-70% resins and balsam, 30-50% beeswax, 5-10% pollen and 10% essential oils.

\* It is rich in trace minerals such as copper, iron, manganese, calcium, aluminium, silicon, zinc, phosphorus, potassium and magnesium and a good source of amino acids.

\* Raw propolis contains Beta carotene, Vitamins B1, B2, C and E and has 500 times more bioflavonoids than oranges. Bioflavonoids are essential in the assimilation of vitamin C and have been found to be important to the normal functioning of the circulatory and respiratory system.

\* It has 16 amino acids

**The Properties of Propolis** Propolis is another medicinal marvel from the beehive. Research shows it offers antiseptic, antibiotic, antibacterial, antifungal, and even antiviral properties. Propolis is Nature's premiere preventive. It is so powerful in action, it is often called Russian penicillin in acknowledgement of the extensive research the Russians have mounted on this wonder worker from the bees. Propolis demonstrates strong antimicrobial properties against various bacterial and fungal infestations. Even streptococcus bacteria have been shown sensitive to propolis.

## **Anti-viral**

Research done in Poland on the effect of propolis on common cold showed the duration of cold was lessened, the symptoms began to subside for all patients during the first day of treatment and complete recovery followed on the second day.

## **Antioxidant**

Propolis is a superior source of bioflavonoids, as anti-oxidant which neutralizes free radicals and prevent cell damage, stimulate the white blood cells to destroy bacteria.

Caffeic acid found in propolis functions as anti-oxidant and protects against viruses. Caffeic acid also known to have anti-carcinogenic, anti-mitogenic, immuno-modulatory and anti-fungal and also known to be somewhat effective against such bacteria as Staph, Aureus, C. dipteriae, tuberculosis and Streptomyces scabies.

## **Anti-bacterial**

Propolis has been used in dental treatment as it contains potent anti-cavity ingredients. Root canals were shown to heal better when propolis was added to the filling. Propolis was said to give the filler as anesthetizing effect, promote the regeneration of the bone structures, and did not stain the tooth crown. Propolis inhibit the buildup of plaque on teeth.

## **Anti-fungal, Anti-inflammatory**

Before the advent of modern antibiotics such as penicillin, propolis was used as a wound dressing during the Boer war in South Africa. Hippocrates, the father of medicine used it in his treatment of stomach ulcers.

It is often called Russian Penicillin due to the extensive research by the Russian. Propolis is still given to patients in Russia before and after surgery to aid in healing and prevent infection, to boost energy levels during the recovery process. It has also been used in the Soviet Union in treatment of mouth disease because of its anesthetic properties

## **Immune System, Antibiotic**

It boosts the immune system while fighting invading pathogen, something prescription antibiotic cannot. It also has demonstrate a remarkable ability to disable viruses. When prescription antibiotics must be used, propolis has proven to boost the effectiveness of the prescription, while helping to drastically reduce recovery times in human medicine. It has been proven effective against strains of bacteria that resist chemical antibiotics.

Modern scientific studies indicate that those who take propolis regularly escape winter colds and sore throats and seem to develop a natural immunity to common viruses.

## **Anti-viral, Anti-bacterial**

It is often mixed with garlic to make a powerful infection fighter, killing viruses and bacterial invaders without harming the beneficial bacteria needed by the body to function properly.

## **Natures's Preventive Medicine**

Propolis has been justly called Nature's premier preventive. The immune system is supported and strengthened by the ingestion of propolis.

Modern scientific studies indicate that those who take propolis regularly escape winter colds and sore throats and seem to develop a natural immunity to common viruses, including the various strains of flu.

Chemical antibiotics destroy *all* bacteria in the body, both the friendly, (necessary flora required for healthy functioning in the entire gastrointestinal tract) and the bad intestinal flora. An individual who constantly takes prescribed antibiotics for one condition after another soon learns to his sorrow that the drugs may no longer work as well as they once did. As invading bacteria get "smarter," the drugs become less and less effective.

Propolis, the natural antibiotic, works against harmful bacteria without destroying the friendly bacteria the body needs. Propolis has also been proven effective against strains of bacteria that resist chemical antibiotics.

The field of influence of propolis is extremely broad. It includes cancer, infection of the urinary tract, swelling of the throat, gout, open wounds, sinus congestion, colds, influenza, bronchitis, gastritis, diseases of the ears, periodontal disease, intestinal infections, ulcers, eczema eruptions, pneumonia, arthritis, lung disease, stomach virus, headaches, Parkinson's disease, bile infections, sclerosis, circulation deficiencies, warts, conjunctivitis, and hoarseness.

Propolis helps regulate hormones and is an antibiotic substance that stimulates the natural resistance of the body. Propolis may be used by everyone, sick or healthy, as a means of protection against microorganisms. Propolis is also efficient against conditions caused by bacteria, viruses, or different fungi. Propolis cures many diseases because it is a special natural substance with strong effect.

Use it as part of your daily program of supplementation. It has helped the bee society survive and thrive for over 45 million years. It may well help you survive ... for a long time!

## **PROPOLIS EFFECTS – INTERNAL USE**

### **BRAIN**

The effect of propolis on brain cells had been unknown in professional literature. Tests have shown that the NATIVE PROPOLIS could protect the brain from damage and atrophy of nerve cells, particularly in cases of nervous system diseases (Alzheimer's disease, Parkinson's disease, Huntington's disease, diabetic neuropathy, neuritis, brain atherosclerosis, epilepsy, depression, schizophrenia, ischaemic-reperfusion brain injury,

aging, etc.), because it:

- prevents the brain oxidative stress,
- increases antioxidative defence of the brain tissue,
- neutralizes free radicals in the brain,
- markedly strengthens the gene with a weakened function apparently linked to the damage of nerve cells and an increased risk of Parkinson's disease,
- repairs the free-radicals induced DNA damage,
- strengthens the gene that aids transmission of nerve impulses
- stimulates the DNA replication in the brain.

In cases of brain tumour (glioma) it stimulates the organism to produce the drug by itself (immunosuppression therapy).

## **ORAL CAVITY**

Propolis stops the reproduction of bacteria in the oral cavity, heals necrotic stomatitis, aphthae and candidiasis, prevents the forming of dental plaque and dental caries, reduces the painful sensitiveness of teeth, increases tooth enamel hardness, strengthens dental pulp, reduces the acute and chronic inflammation of gums (paradontosis).

## **HEART**

Native propolis prevents lesion and strengthens the defence of the heart muscle from oxidative stress and free radicals that are formed under the influence of cardio-toxic substances.

The protective activity is especially important in cases of heart diseases and persons at risk for hereditary heart diseases.

## **Blood**

Propolis improves the absorption of minerals (iron, calcium, phosphorus, magnesium) from the digestive system into the blood circulatory system.

## **Anaemia**

In combination with pollen, it increases resorption of iron into the

blood and raises the level of haemoglobin in cases of iron deficiency anaemia (ferropenic anaemia). Tests have shown that the presence of native propolis in blood substantially reduces the level of free radicals, increases the antioxidative defence and prevents oxidative stress. Thus, it protects blood corpuscles from free radical damage.

## **Lymphatic system**

It has been determined in laboratory conditions on the model of human leukaemia cells (HL-60) that one of the propolis components kills the tumour cells.

Using the DNA chip method it has been determined that native propolis markedly strengthens the gene the lack of which leads to appearance of lymphatic system carcinoma.

The protective activity of native propolis is significant for groups at high-risk for hereditary blood diseases.

## **KIDNEYS**

Antioxidative substances in propolis not only protect the kidneys from acute damage caused by some cytostatics (cisplatin) during chemotherapy, but also prevent forming of carcinoma on the kidneys.

## **LIVER**

Propolis prevents liver damage caused by free radicals and enhances its antioxidative defence.

Tests conducted on mice have shown that, generally, propolis protects the liver from chemical toxins and alcohol, which is attributed to its ability to capture free radicals. Its protective effect is stronger than the well known substance glycyrrhizin, used by official medicine.

## **Carcinomas**

Stops the growth of some kinds of liver tumours and kills cancerogenic cells.

Liver protection is important to chronic patients who must take medications regularly, in cases of liver diseases and to persons prone to alcohol abuse.

## **REPRODUCTIVE ORGANS**

Clinical experiences of local therapy with propolis preparations have shown good results in treating cervical ectopia, erosion, inflammation and vaginal inflammation.

### **Carcinomas**

It has been proved that propolis has anti-tumour and anti-metastasizing effects on mammary gland carcinoma.

Research results have shown that NATIVE PROPOLIS stimulates processes that prevent the formation of carcinomas of reproductive organs. Furthermore, it stops the progression of carcinoma and kills tumour and deformed cells. Cytostatics combined with propolis are more efficient in preventing the progression of carcinoma and its metastasizing and the side effects of chemotherapy are substantially diminished (nausea, weakness, vomiting, and the reduction in the quantity of corpuscles).

Therefore, the usage of propolis is important for protection of persons at increased risks for hereditary reproductive organs diseases and, with a compulsory physician recommendation, it can be used to treat the above mentioned diseases.

## **DIGESTIVE SYSTEM**

Propolis has a healing effect on the digestive system. It stimulates its regular functioning and protects stomach cells from alcohol-caused damage. Experiences with native propolis show that it can be effective in constipation prevention.

### **Gastric ulcer and duodenal ulcer**

Due to its anaesthetic and healing properties, propolis has been used in treatment of gastric and duodenal ulcer for a long time. The practice of using NATIVE PROPOLIS has shown rapid healing effect on duodenal ulcers. This is probably due to its anti-inflammatory properties, forming of film over the mucous membrane, reduction of gastric acidity and soothing the smooth musculature cramps.

### **Large intestine inflammation**

Clinical as well as our own experiences in the application of propolis have shown a very beneficial effect on chronic large intestine inflammation (colitis).

### **Large intestine carcinoma**

It prevents lesion of the large intestine that can cause the development of carcinoma. When the carcinoma has already

developed it slows down its growth, kills the tumour cells and reduces the risk of metastasizing to the liver. Combined with cytostatics, it diminishes the progress of abdomen carcinoma considerably and the recuperation of white and red blood cells is more rapid, compared to using only cytostatics.

Therefore, it could be used, with a compulsory physician recommendation, in addition to the cytostatic therapy, because it improves the immune system and alleviates the consequences of chemotherapy.

## **RESPIRATORY SYSTEM**

Propolis therapy or therapy that combines propolis with medications has been considerably effective in healing inflammation of nasal cavity, throat, sinusitis, inflammation of the vocal cords, bronchitis and pulmonary tuberculosis.

### **Asthma**

A clinical study of patients suffering from mild to medium asthma has shown that propolis reduces the frequency of seizures at night and considerably improves the ventilatory lung functions.

### **Lung cancer**

Tests on animals have proved that propolis prevents forming of bronchial and alveolar cell carcinoma. Propolis treatment or treatment that combines propolis with cytostatics prevents metastasizing to the lungs. Native propolis protects the lungs from damage caused by free radicals and oxidative stress and prevents forming of lung cancer because it markedly strengthens the gene the lack of which leads to appearance of tumour. Furthermore, the research showed that native propolis stops the growth and kills the tumour cells.

Therefore, it is important to protect the lungs with propolis when inhaling increased quantities of oxygen (hyperbaric oxygen therapy, diving, increased physical exertion – athletes), working in polluted atmosphere (smog, chemical solvents, smoking), when suffering from pulmonary diseases and when at risk for possible hereditary pulmonary diseases.

## **EXTERNAL USAGE**

### **ACNE**

- apply tincture on papulas 2 – 3 time per day during 1 – 3 weeks

### **APHTMAE**

- apply tincture on papulas several times per day

### **BURN**

- promptly apply tincture

### **CICATRICES**

- apply tincture 2 time per day during 3 weeks

### **CLAVUS**

- every night apply tincture and seal up with plaster

### **DERMAL FUNGUS**

- apply tincture several time per day during 3 weeks, 1 week break and continue 3 weeks more

### **CYST**

- apply tincture on cyst several time per day

### **DANDRUFF**

- mix a little tincture with shampoo and use as normal shampoo

### **ECZEMA**

- apply tincture with water / 1 : 1 / several time per day

### **HAIR LOSS**

- mix a little tincture with shampoo and use as normal shampoo

### **HEADACHE**

- massage of temples and neck with tincture 3 time per day

### **HERPES**

- promptly apply tincture and continue 3 time per day

### **LEG'S CONVULSIONS**

- apply tincture several times per day

### **LEG'S EDEMA**

- massage with tincture several times per day



## PARODONTOSIS

- apply tincture on gums several time per day

## PSORIASIS

- apply tincture 2 time per day during 3 months

## RHEUMATISM

- massage with tincture severat time per day

## SCALD

- promptly apply tincure and continue 3 time per day

## SKIN PRURIENCE

- apply tincture several time per day during 2 weeks

## SMALL INJURY

- promptly apply tincture and continue 3 time per day

## TEETH

- use tooth-paste with 1 drop of tincture

## TRIGEMINOUS

- apply tincture 2 time per day

## TUBERCLES

- apply tincture around tubercle and seal up with plaster for 1 hour;  
during 2 weeks

## VARICES

- massage with tincture several times per day

## VENOUS ULCERATION CLOSED

- apply tincture with water / 1 : 1 / several times per day

## VENOUS ULCERATION OPENED

- apply tincture around ulcer to closing several times per day

## **INTERNAL USAGE**

### **ABDOMEN**

- 1 tea spoon of tincture, two hours break and 1 tea spoon more

### **AFFECTION OF LIVER**

- 1 tea spoon of tincture in 1 oz of water 2 – 3 times per day

### **AIRWAYS**

- 1 tea spoon of tincture 2 times per day every second day

### **APOPLECTIC STROKE**

- 1 tea spoon of tincture 2 times per day

### **ASTHMA**

- 1 tea spoon of tincture 1 – 2 times per day and inhalation of  
1 tea spoon of tincture in hot water 1 time per day

### **BLOOD PRESURE HIGH**

- 30 drops of tincture before sleeping in 1 oz of water

### **BLOOD PRESURE LOW**

- 20 drops of tincture in 1 oz of water 1 hour before breakfast

### **CANCER**

- 1 tea spoon of tincture in calendula tea 2 times per day 1 hour  
before meal

### **CONSTIPATION**

- 1 tea spoon of tincture in 1 oz of warm water 1 – 2 time per day

### **DIABETES**

- 1 tea spoon of tincture per day, after 3 weeks 1 week break

### **DIARRHOEA**

- 1 tea spoon of tincture 3 times per day before meal

### **DUODENUM**

- 1 tea spoon of tincture 3 times per day 1 hour before meal

### **FEVER**

- 1 tea spoon of tincture in 1 oz of water 3 times per day

### **FLATULENCE**

- 1 tea spoon of tincture 2 – 3 times per day

## GALLBLADDER

- 1 tea spoon of tincture 2 times per day, after 3 weeks 1 week break

## GUMS

- 2 times per week massage of gums with tincture

## IMPOTENCE

- 1 tea spoon of tincture in calamine and mint tea 2 times per day

## INFLUENZA

- 1 table spoon of tincture every 8 hours ( 4 times only )

## IRRITATION

- 1 tea spoon of tincture morning and evening 1 hour before meal

## KIDNEYS

- 1 tea spoon of tincture morning and evening 1 hour before meal

## PANCREAS

- 1 tea spoon of tincture morning and evening 1 hour before meal

## PREVENTION

- 10 drops of tincture in 1 oz of water 1 time per day

## PROSTATE PROBLEMS

- 1 tea spoon of tincture in 1 oz of water 3 times per day

## SORE THROAT

- 1 tea spoon of tincture in 1 oz of water 2 – 3 times per day

## STOMACH PROBLEMS

- 20 drops of tincture in 1 oz of water 2 – 3 times per day

## TOOTH ACHE

- apply couple drops of tincture on tooth or gum

## VOCAL CHORDS PROBLEMS

- gargle tincture with water ( 1 : 1 )

**Than start propolis use - very important !!!**

**Before primary by using propolis carry out examination on sensitiveness. Test for palmar side of wrist on skin, where rub in tincture twists cotton - wool and let get dry. If skin is without flare or pupinize, afterwards we can propolis use. In opposite case isn't using of propolis fit. Propolis is very effective also in small taxes and concentrations. Therefore is fit always after 3 weeks application make 1 weekly break. Otherwise would propolis at long term treatment could do harm. Propolis we can serve at of all inflammation's actions of organism. If after 3 weeks will fail improved, is improve long way him disuse.**

**NOTE : Always consult with medical practitioner before using this product.**

**Don't use it close to the eyes.**

## WHAT YOU WILL NEED



<p><b>Propolis Powder</b> 4 oz.</p>  <p><b>\$16.50</b></p> <p><input type="button" value="Add to Cart"/></p> <p>Adults: one teaspoon three times a day mixed with food.</p> <p>Since Propolis has antihistamine properties, you may want to start slowly and build up dosage.</p>	<p><b>Bee Propolis Powder</b> 8 oz.</p>  <p><b>\$29.00</b></p> <p><input type="button" value="Add to Cart"/></p> <p>Adults: one teaspoon three times a day mixed with food.</p> <p>Since Propolis has antihistamine properties, you may want to start slowly and build up dosage.</p>	<p><b>Bee Propolis Powder</b> 1 lb. - 16 oz.</p>  <p><b>\$54.00</b></p> <p><input type="button" value="Add to Cart"/></p> <p>Adults: one teaspoon three times a day mixed with food.</p> <p>Since Propolis has antihistamine properties, you may want to start slowly and build up dosage.</p>
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<http://www.ebeehoney.com/propolis.html>

Shipping Options:  ▼

### Amber Boston Round Glass Bottle 1 oz w/ Dropper



#### Closure Options

Dropper Included ▾

#### Price and Quantity Discounts

Price before discounts	Quantity	
\$0.65	1	<b>BUY</b>

Quantity	Discounted Price
0-329	\$0.65 (Per Item)
330-999	\$0.48 (Per Item)
1000-4999	\$0.37 (Per Item)
5000-10000	\$0.32 (Per Item)

<http://www.specialtybottle.com/index.asp?PageAction=VIEWPROD&ProdID=11>

### Amber Boston Round Glass Bottle 2 oz w/ Dropper



#### Closure Options

Dropper Included ▾

#### Price and Quantity Discounts

Price before discounts	Quantity	
\$0.67	1	<b>BUY</b>

Quantity	Discounted Price
0-287	\$0.67 (Per Item)
288-999	\$0.51 (Per Item)
1000-4999	\$0.42 (Per Item)
5000-10000	\$0.34 (Per Item)

<http://www.specialtybottle.com/index.asp?PageAction=VIEWPROD&ProdID=15>

#### UPS® Shipping options:

UPS Ground  
\$12.80  
UPS 3 Day Select<sup>SM</sup>  
\$26.60  
UPS 2<sup>nd</sup> Day Air<sup>®</sup>  
\$44.14  
UPS Next Day Air Saver<sup>®</sup>  
\$82.50



Everclear is a brand of pure grain alcohol that has attracted much controversy over the years due to its high alcohol content. "Real" Everclear is 190 proof (95% alcohol) and is illegal in many states including Pennsylvania, Minnesota, Washington, California, Michigan, Ohio, Florida, Virginia and West Virginia.

There is a lower alcohol version of Everclear (aptly named Everclear 151), that is 151 proof and is available in California as well as several other states. It is the closest alternative.

You can buy it in Liquor stores and price is about \$ 16.-/ 750 ml

### **PROPOLIS TINCTURE PREPARATION**

For internal and external usage is best 5% propolis tincture.

To the bottle with Everclear add 38 g / 1,4 oz / of raw propolis. Leave for a minimum of 14 days, in a dark cool place (not in refrigerator), but stir also 3-6 times per day, or find a mechanical way to do this automatically. It is important to allow the alcohol molecules to come into contact with as many propolis compounds as possible, in order to extract them from the "solid" mass.

After two weeks (the longer the better) the solution can be filtered; the liquid portion should be stored in a dark green or dark brown bottle in a cool, dry and dark place.

## CALCULATION

Price of propolis tincture in markets is \$ 12 – 14 , our price will be \$ 9.- per 1 oz bottle.

From 1 pound of raw propolis we can make 12 Everclear bottles of propolis tincture, it is 300 1 oz bottles.

### **Costs :**

1 pound raw propolis .....	\$ 54.-
- shipping .....	\$ 10.41
12 bottles of Everclear .....	\$ 192,-
300 1oz bottles .....	\$ 195.-
- shipping .....	\$ 12,80
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<b>In total.....</b>	<b>\$ 464.21</b>

### **Income :**

300 1oz bottles of propolis tincture x \$ 9.- .....	\$ 2,700.-
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<b>In total .....</b>	<b>\$ 2,700.-</b>

<b>Profit .....</b>	<b>\$ 2,235.79</b>
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**Have a good time**