

Respirol™

Respirol™ contains a total of three active **B.E.E.®** ingredients to help promote a healthy respiratory function in adults and children with asthma, bronchitis, emphysema and other respiratory problems.

Asthma, emphysema and bronchitis are all related disorders, but on the other hand have different causes. They are related because all three diseases affect the lungs, but each disorder definitely is caused by its own set of conditions. Asthma is an allergy problem that comes from many different sources, such as birth defects, weak lungs, repeated infections, etc. Emphysema is caused by tar from smoking, toxic emissions from industrial manufacturing, etc. The immune cells in the lung, whose job it is to prevent and fight infection, are also affected by cigarette smoke and toxins expose the lower side of the lungs and they become very inflexible. Bronchitis is caused by a virus, bacteria, smoking, the inhalation of chemical pollutants or dust and also repeated infections. The cells of the bronchial lining tissues become irritated and the tiny hairs (cilia) within them, which normally trap and eliminate pollutants, stop functioning and the air passages become clogged by mucus debris.

Respirol™ is designed to help with asthma and other allergic respiratory conditions through an anti-inflammatory process and by blocking the release of histamine and stabilizing the membranes of mastocyte (a cell closely related to allergic reactions). **Respirol™** helps to prevent an asthma attack, provides relief caused by shortness of breath and reduces cough and expels phlegm.

Respirol™ also helps to normalize the asthmatic condition by allowing the person to clear the lungs of the excess mucus caused by the asthma and normalize the muscles and airway itself.

Good results have been obtained both in children and adults with asthma. During the first 2-3 days of taking **Respirol™**, the patient usually coughs up larger amounts of mucus. This cleanses the infected and inflamed respiratory systems (lungs and respiratory pipes) and clears the airways, improves lung function and makes breathing easier. Satisfactory results are normally obtained within a week, but the patient should feel the positive effects of our product within the first 24 hours.

Applications

Respirol™ has been successfully used to:

- Help maintain normal activity levels, including exercise
- Help children and adults with asthma without causing any adverse side effects
- Help prevent chronic and troublesome symptoms caused from bronchitis.

- Help maintain normal breathing
- Help in minimizing the need for emergency room visits or hospitalization caused by asthma attacks
- Provide alternative medication therapy with no adverse effects
- Boost and balance the immune system
- Expel mucous from the respiratory tract

Flax Seed B.E.E.®: is high in essential fatty acids such as alpha-linolenic acid, linoleic and oleic acids. These essential fatty acids are needed for the production of anti-inflammatory prostaglandins. Linoleic acid and alpha-linolenic acid are also required for the structural integrity of all cell membranes, which is very important for maintaining the normal physiological function of cell thereby speeding healing and strengthening resistance to infection in the body. A great many anaphylactic diseases such as Asthma, Allergic Pollenosis and Allergic Nasitis are closely related to the change of the structural integrity and permeability of cell membranes of mastocyte (a type of cell). Flax seed has a long history of medicinal use, its main effects being as an expectorant that soothes irritated tissues, controls coughing and relieves pain. The seed, or the oil from the seed is normally used. An infusion of the seed contains a good deal of mucilage and is a valuable domestic remedy for coughs and colds. The oil in the seed contains 4% L-glutamic acid, which has soothing and lubricating properties and is used in medicines to soothe tonsillitis, sore throats, coughs and colds. Preliminary research suggests that omega-3 fatty acids (including flaxseeds) may decrease inflammation and improve lung function in adults with asthma.

Pine Bark B.E.E.®: is extracted from the bark of the French Maritime Pine and it contains phytochemicals known scientifically as Oligomeric Proanthocyanidin complexes (OPC's) that appear to stabilize the walls of blood vessels, reduce inflammation and have anti-allergic qualities. These activities occur on the basis of OPC's antioxidant activity (purported to be a very powerful immune stimulator and more effective than Vitamins E, C and Beta-carotene as an antioxidant), for free radicals can immediately stir up inflammations. In addition to allergen activation, allergies and asthma both involve histamine release. In the United States, allergies are often treated with antihistamines. **Pine Bark B.E.E.®** acts to prevent histamine release in the first place, thereby reducing all adverse effects of histamine and not just interfering with their effects on target cells. It is suggested that OPC's are a better approach to allergy and asthma management than antihistamines. Pine bark extract was also found to improve the breathing ability of patients with asthma in a double blind placebo-controlled study conducted at the University of Arizona.

Pine Sprout B.E.E.®: contains an essential oil that can stimulate serous bronchial gland function, suppress mucous gland function and aid with expectoration (hawking up of phlegm). Pine sprouts can also help to dry secretions. They demonstrate mild antiseptic effects. They are also useful for upper and lower respiratory tract mucous membrane inflammation, common cold symptoms, coughs or bronchitis, nasal congestion, hoarseness, fever and people who have a tendency towards infection. In

folk medicine, pine sprout has been used to treat uncomplicated coughs and acute bronchial disease, nasal congestion and hoarseness.

CoQ10: In addition to benefiting immune function, CoQ10 is also a powerful free radicals cleaner and has the ability to counter histamine, which is involved in both allergies and asthma. CoQ10 is also pivotal in cellular energy production, aids circulation and tissue oxygenation and acts as an antihistamine. If you have asthma, you may have low levels of this antioxidant in your blood. In the September, 2002 issue of the journal *Allergy*, CoQ10 levels were measured in patients with asthma. In recent years, free radical damage has been thought to underlie the pathogenesis of bronchial asthma. It has been speculated by some researchers that taking adequate doses of antioxidants can have a beneficial effect in patients with asthma. In the study from this journal, 56 men and women between the ages of 19 to 72 suffering with allergic asthma were enrolled. There was a control group of 25 healthy volunteers, ages 25 to 50. It was found that the concentrations of CoQ10 were significantly decreased in both plasma and whole blood of asthmatic sufferers compared with that of the healthy volunteers. The researchers speculated that sub-optimal concentrations of CoQ10 might play a possible contribution in patients with asthma and provide a rationale for its supplementation.

SUGGESTED USE:

Take 1- 2 capsules twice daily. For best results, use **Respirol™** for at least 8 consecutive weeks. Please leave a 3-4 hour interval between taking **Respirol™** and prescription medication.