

# CHILDREN'S IMMUNE CHEWABLE™

## Supports Winter Wellness



For parents, nothing is more important than ensuring the well-being of our children. That's why Source Naturals developed **CHILDREN'S IMMUNE CHEWABLE**.

CHILDREN'S IMMUNE CHEWABLE is a robust formula designed to mobilize children's immune defenses during the cold weather season. A powerful herbal-nutrient blend—including echinacea, elderberry, astragalus, marshmallow root, mushroom

extracts, and zinc—is combined with advanced special ingredients such as beta glucan and transfer factor. And CHILDREN'S IMMUNE CHEWABLE is offered in safe dosages, in kid-friendly, raspberry flavored wafers.

CHILDREN'S IMMUNE CHEWABLE was formulated with a profound understanding of the body's intricate immune system—one of the key SystemiCare body systems identified by Source Naturals as critical to health and well-being.



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## The Immune System

The immune system is a complex network of specialized tissues, organs, cells, and biochemicals. Innate immunity is present at birth and provides the first line of defense. The skin, mucus secretions, and stomach acidity are examples of innate immunity. Adaptive immunity is acquired later in life, and includes elements such as antigens that generate antibodies, or white blood cells, T-cells, and B-cells. The adaptive immune system retains a memory of all its activities.

The ingredients in CHILDREN'S IMMUNE CHEWABLE were carefully formulated to address this intricate system by various biological pathways.

### Advanced Nutrition: Beta-Glucan and Transfer Factor

**Beta-glucan** and **transfer factor** have been widely researched for their immune-supportive properties. Beta-glucan is a complex sugar (polysaccharide) derived from the cell wall of baker's yeast, oat and barley fiber, and many mushrooms. Beta-glucans bind to receptor sites on macrophages and neutrophils, which are part of the immune system's first line of defense. Transfer factors are compounds scientifically extracted from colostrum, which have the capacity to transfer immune responses from one individual to another, even across species. Transfer factor from bovine colostrum is rich in immunoglobulins, growth factors, proteins, and enzymes.

### Beneficial Winter Botanicals

**Echinacea**, **elderberry**, and **astragalus** are renowned cold weather herbs with long histories of traditional use. Echinacea has been found in scientific studies to strengthen immune response by stimulating the formation of phagocytes, T-cells, macrophages, and natural killer cells. Elderberry contains a group of powerful antioxidants called anthocyanins, and has been shown to protect cell membranes. Astragalus is primarily used in modern Chinese herbalism as an immune modulator. In clinical trials, astragalus enhanced the induction of interferon by peripheral white blood cells, increased production of interferon and increased Immunoglobulin A and G antibodies.

CHILDREN'S IMMUNE CHEWABLE also contains the powerful antioxidants, **grapeseed** extract and **citrus bioflavonoids**, plus **marshmallow root**, which soothes and lubricates the throat with mucilage. **Maitake** mushroom is another source of beta-glucan, while **coriolus** mushroom has been shown to stimulate macrophages, activate T- and B-lymphocytes, monocytes, bone marrow cells, and natural killer cells, and to promote proliferation and/or production of antibodies and cytokines.

### Vitamins and Minerals

CHILDREN'S IMMUNE CHEWABLE provides **vitamin A** (in the form of beta carotene), which supports adequate levels of natural killer cells, macrophage activity (engulfing foreign organisms), production of interleukin 1 and B-lymphocyte activity. **Vitamin C**, renowned for its antioxidant and immunosupportive functions, is provided as ascorbic acid and acerola. **Zinc gluconate** supports multiple aspects of the immune system, from the barrier of the skin to gene regulation within lymphocytes. It is crucial for normal development and function of cells mediating nonspecific immunity.

### CHILDREN'S IMMUNE CHEWABLE: Part of the Wellness Revolution

Source Naturals understands your deep desire to safeguard your child's health and development. With CHILDREN'S IMMUNE CHEWABLE you can act on that concern, and take advantage of the revolution underway in safe, natural health consciousness. Keep your child healthy in winter with the innovative child nutrition of CHILDREN'S IMMUNE CHEWABLE.

### References:

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