



## SC Formula

Stock #1602-8 (100 capsules)

SC Formula combines the immune-stimulating benefits of shark cartilage and reishi mushroom. Both ingredients have been shown by scientific research to improve immunity, reduce pain and inflammation, and possibly prevent the growth of cancerous cells and tumors.

The shark cartilage in SC Formula is obtained from several non-endangered species of Pacific shark. No bleaches or chemical solvents are used in the process to freeze-dry the shark cartilage.

**Shark cartilage** provides an abundant source of mucopolysaccharides—substances found to stimulate the immune system. Scientists have proven sharks have tremendous immune systems which protect them from bacteria, viruses, and even toxic chemicals.

Interestingly, the shark's skeleton is made entirely of cartilage, with no blood vessels. The cartilage absorbs oxygen and nutrients from its surface and contains proteins which keep new blood vessels from developing—a process known as angiogenesis. This unique characteristic of shark cartilage has been employed successfully for clearing up psoriasis, relieving rheumatoid arthritis, and inhibiting the growth of cancerous tumors, all of which require the generation of new blood vessels. Cancer cells in particular, require an ample blood supply in order to grow, which is why researchers believe sharks are immune to cancer.

A research team at Children's Hospital in Boston tried shark cartilage and found tumor growth stopped at 1 to 2 millimeters (mm), due to the lack of blood supply. Experiments with laboratory animals at Massachusetts Institute of Technology (MIT) have confirmed the effectiveness of shark cartilage. Furthermore, the Centro Medico del Mar in Tijuana, Mexico used shark cartilage with terminal cancer patients, reducing the size of tumors 40-100% in the first 60 days of the study. (For the purpose of this study, physicians used an extract of shark cartilage in solutions administered via the rectum and vagina.)

Studies show extracts from a shark's cartilage contain anti-inflammatory substances which are being used to treat arthritis. A University of Miami School of Medicine study noted the effectiveness of shark cartilage for relieving pain, increasing mobility, and reducing joint inflammation. Reports indicate shark cartilage, when used regularly, helps reduce inflammation and stiffness in the joints, as well as reduces the incidence of muscle pulls. A double-blind, five-year study of people afflicted with osteoarthritis, published in *Seminars in Arthritis and Rheumatism*, found 85% experienced less pain during flare-ups after receiving shark cartilage. Only 5% of those given a placebo along with non-steroidal anti-inflammatory drugs (NSAIDs) reported less pain. Furthermore, joint deterioration in those receiving shark cartilage was only 37% of the deterioration found in the group receiving NSAIDs.

A survey was conducted among shark cartilage users. The findings, although not scientific, showed 78.3% (106) of cancer patients surveyed reported fair, good or excellent results from using shark cartilage; 88.6% (140 of 158) of individuals with arthritis had fair, good or excellent results; and 83.3% (25 of 30) of those with psoriasis experienced fair, good or excellent results.

Shark cartilage is not toxic and can be taken along with other cancer treatments; however, shark cartilage should not be taken after a heart attack, during pregnancy, or if there are open and unhealed lesions. In these instances new blood vessel growth and an ample blood supply is desired.

NSP uses only the highest quality shark cartilage, and the cartilage used is obtained from sharks caught for human consumption—the entire shark is used. Each capsule of SC Formula provides 400mg of shark cartilage.

**Reishi mushroom**, a powerful adaptogen, is one of the highest valued medicinal mushrooms in the Orient. Known as the "mushroom of immortality," reishi mushroom has a long history of use for strengthening a weakened immune system, speeding recovery from illness, and increasing overall health. Reishi mushroom contains a rich supply of terpenoids which promote the body's resistance to stress, thus substantiating its role as an adaptogen. Reishi mushroom also contains ganoderma, a powerful immune system stimulant.

Reishi mushroom has long been used in the treatment of asthma, allergies, chronic bronchitis, coughs, digestive disorders, hepatitis B, and high blood pressure. Chinese medicinal records indicate that as far back as 1578, reishi mushroom was used to combat the effects of aging, treat lung and upper respiratory conditions, and increase agility, limberness, stamina, work energy, and longevity.

Reishi mushroom has been found to exhibit significant liver-protecting and curative effects, and has been studied for its free radical scavenging action. Reishi polysaccharides in bone marrow cells demonstrated a protective action against free radical damage caused by X-rays and other forms of radiation. These polysaccharides also significantly reduced free radical damage in blood plasma caused by hydroxyl and superoxide radicals.

This versatile mushroom also encourages the reduction of high blood pressure, inhibits cholesterol production and absorption, reduces platelet aggregation, prevents oxygen deprivation of heart muscles, and relieves symptoms of active heart disease. Over 7 years of Chinese clinical studies using reishi mushroom on patients with hyperlipidemia and coronary heart disease resulted in findings which showed significant improvement in 20-48% of patients, and effective improvement in 56-86% of all patients.

Reishi mushroom has even been found to exhibit a sedating effect on the central nervous system, relieving insomnia and calming an overly-excited or anxious mind.

Reishi mushroom has been compared with vitamin E for increasing performance and endurance, especially at high altitudes. Chinese researchers have studied the mushroom's anti-fatigue effects on athletes. Those taking reishi mushroom experienced better sleep and had less fatigue than those given nothing.

Furthermore, scientists have recently isolated a natural anti-tumor agent called "tumor necrosis factor," produced by reishi mushroom.

NSP uses cultured, organic reishi mushrooms. These mushrooms are grown in a mixture of millet, oat bran and soy, in a carefully-monitored setting to ensure the richest supply of ganoderma polysaccharides possible. Each capsule of SC Formula provides 175mg of reishi mushroom.