# **GLISODIN<sup>®</sup> POWER** Superoxide Dismutase (SOD)



ost people know that antioxidants found in food are critical for health and longevity, but did you know that the human body has its own antioxidant defense system? Superoxide dismutase (SOD) is an internal antioxidant manufactured by the body as the first line of defense against free radical damage. Unfortunately, high levels of stress and exposure to environmental and dietary toxins can

deplete our antioxidant stores, leaving us more susceptible to chronic health challenges. When we are young and healthy the body unleashes its own antioxidants, but as we age this internal antioxidant producing system declines and the body needs help.

Source Naturals introduces GLISODIN POWER, an innovative approach to antioxidant supplementation. Scientific research shows that GliSODin<sup>®</sup> supports the body's own production of superoxide dismutase. GLISODIN POWER is a patented, orally effective, 100% vegetable compound comprised of gliadin, a wheat protein extract bound to superoxide dismutase derived from canteloupe.





Oxygen is required by your cells to generate energy, but it also contributes to oxidative stress or free radical damage, which is one of the primary causes of age-related damage to your cells and tissues. Free radicals have unpaired electrons that can damage living cells and compromise the proper function of tissues and organs. Antioxidants make free radicals stable by providing them with an additional electron. Unfortunately, now the antioxidant is missing an electron so, ironically, it becomes a free radical, which requires another antioxidant to donate an electron. Because this process starts a cascade of free radicals, scientists strongly recommend a broad range of antioxidants to minimize this negative effect.

## **First Line of Defense**

There are two classes of antioxidants-external and internal. External antioxidants are supplied to the body by the foods we eat or the supplements we take. They include vitamins A, C and E, selenium, and other antioxidants found in fruits and vegetables. Internal antioxidants are naturally present in every cell of your body.

The internal antioxidant defense system includes the enzymes superoxide dismutase (SOD), catalase and glutathione peroxidase. They are the first line of defense against oxidative stress. SOD transforms the superoxide radicals into ions that are less reactive. The superoxide radicals, which are byproducts of normal cell processes, can damage cells if their levels are not controlled. The other enzymes then transform the less reactive ions in a process called dismutation. The superoxide dismutase enzyme gets its name from this process. Research indicates that SOD plays an important role in protecting neurons from oxidative damage.



#### Super Antioxidant: SOD

SOD levels decline with age, while free radical production increases. SOD occurs naturally in barley grass, broccoli, Brussels sprouts, cabbage, wheat grass, melon and most green plants. Unfortunately, when taken orally the SOD enzyme is usually destroyed in the digestive process. GliSODin is a new form of SOD that withstands the digestive process and promotes SOD production by the body. This breakthrough technology combines a vegetable source of SOD extracted from melon with gliadin, a wheat protein. Scientific studies have shown that GliSODin promotes the natural production of SOD in the body. Research has also shown that it protects against oxidative stress and provides an optimal defense against free radicals.

### **Wellness Revolution**

Innovative natural products such as GLISODIN POWER, are part of the Wellness Revolution. Taking personal responsibility for your health is at the heart of this revolution. Your local health food outlet is your source for nutritional education and quality products. Source Naturals is pleased to partner with these outlets to bring you the groundbreaking nutritional science of GLISODIN POWER.

#### **References:**

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Isocell SA, France is the owner of US Patent Nos. 6,045,809 and 6,426,068B1 and trademark for GliSODin<sup>®</sup>.



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