

## Slow Down Ageing

Pure-XP GliSODin -

### The Anti-Ageing Catalyst

A proven anti-ageing "primer"™ " Pure-XP GliSODin is a catalyst that helps you reduce oxidative stress by removing free radicals. This remarkable supplement primes the body to produce more of its own antioxidants including Superoxide Dismutase (SOD), Catalase and Glutathione Peroxidase, all vital to immune defence and your general well-being. GliSODin also supports immune defence.

Â

The result! you will feel more energised, feel greater mental clarity and more able to cope with everyday stresses. And, less stress on the body will slow the ageing process. For athletes and sports enthusiasts GliSODin may help to improve performance by counter-acting free radicals and inhibiting Lactic Acid build-up. Approved by the Complementary Medical Association (CMA)

Normal dosage:-

2 Vegetarian Capsules per day preferably before breakfast, for a period of 4 - 6 weeks. Thereafter, take one vegetarian capsule to help maintain SOD levels.

### Product Information

Pure-XP GliSODin - The Anti-Ageing Catalyst

PURE-XP GliSODin

- \* is a proven Antioxidant Primer
- \* fights the Ageing Process
- \* reduces Oxidative Stress
- \* supports the Immune System
- \* is an Anti-Ageing Catalyst
- \* inhibits Lactic Acid build-up

Although dietary antioxidants are important in immune defence, most only play a secondary role. PURE-XP GliSODin® takes an entirely different approach by priming the body to produce its own extra strength internal antioxidants including Superoxide Dismutase (SOD), Catalase and Glutathione Peroxidase (Gpx). These internal antioxidants provide the primary and foremost important level of defence against oxidative stress and free radical damage; thereby helping to promote the fight against premature ageing.

Superoxide Dismutase (SOD) is naturally present in the human body and is the most powerful of the physiological antioxidants known in immune system defence. The SOD synergised in the GliSODin complex allows the body to fight excess free radicals and in particular the superoxide molecule which are responsible for oxidative stress and numerous pathologies. This in turn reinforces the body's immune system and promotes health and well being.

Pure-XP GliSODin be used in situations whenever oxidative stress and excessive free radicals are present such as exposure to ultra violet light, immuno-deficiency conditions and during exercise.

PURE-XP GliSODin® is currently the only Complementary Medical Association (CMA) "APPROVED PRODUCT"™ in the World. (The CMA is a non-profit organisation that promotes ethical, responsible and professional complementary healthcare).

## Ingredients

### Pure-XP GliSODin - The Anti-Ageing Catalyst

GliSODin [Cucumis melo (100% whole fruit freeze-dried melon juice naturally rich in SOD), Gliadin (Triticum vulgare wheat extract), Maltodextrin] - 250mg. Other ingredients: Alfalfa (organic) - 50mg, Vegetable Cellulose

Â

Â

Â

Â

Â

Â About Xynergy Health Products - authentic wholefood supplements, herbs & skincare

At Xynergy Health Products, we distribute high quality superfood supplements direct to the public, through complementary therapists and natural health stores. The company was started in 1979 by Sam St Clair-Ford who was one of the early pioneers of superfoods particularly Spirulina and Aloe Vera in the UK. Since then, we have built a reputation for sourcing and supplying some of the best wholefood supplements available including Wheatgrass, Chlorella, Klamath Lake Algae as well as healing honeys, herbs and skincare products. Xynergy is based in West Sussex in southern England.

## Our 100% Satisfaction Promise

If you are not completely satisfied with any of our products, you may return them for a full refund of your purchase price. (Postage costs are non refundable for orders outside UK)

## The Xynergy Promise

Choosing health foods and natural skincare products can be both a joy and a challenge ... a joy because genuine natural products give you a chance to take control of your health and well-being. A challenge because, there are so many products to choose from and opinions about what is good for you often conflict and vary.

Here is what you can rely upon from Xynergy:

\*That our products are well-tried and tested and as pure and close to their natural state as possible.

\*If you are unsure about anything we will take the time to talk through your individual concerns and answer your question as best as we can.

\*We believe that your health and well-being is the most important thing, therefore we will only supply products we believe will benefit you ... if we feel another product is better suited to your needs, we will advise you accordingly.

\*We will make every effort to ensure that you are delighted with our service, whether you are a private customer, a therapist, clinic or health shop, our aim is to send your order as quickly as possible usually within one working day.

## Sign up for the Free Xynergy E-letter

Keep up to date with news, latest natural products and special offers with the Xynergy E-letter. Sent to your mailbox free each month.

To register for the Xynergy e-letter simply go to the 'Login' section of our website and sign up! If you are already a registered user and do not currently receive the e-letter, go to 'Your Account', login as usual and put a tick in the box to allow us to send you e-letters!

[www.xynergy.co.uk](http://www.xynergy.co.uk)

(Note: it is our company policy never to pass on your details to other parties)

Â

## Company Details

Xynergy Health Products

Elsted

Midhurst  
West Sussex  
GU29 0JT

Tel: 44 (0)1730 813642

Fax: 44 (0)1730 815109

Â

Â

Â

Â

## SOD Protects Against a Host of Degenerative Diseases

While SOD (SuperOxide Dismutase) has been linked to youthfulness, longevity and protection against chronic illnesses, the body's production of SOD drops dramatically with advancing age.(1) Conditions associated with free-radical damage that may benefit from increased SOD levels include a host of inflammatory and degenerative diseases:

Nowhere are the signs of ageing more visible than in the skin, where the effects of free-radical damage accumulate and produce visible signs of skin ageing. SOD may help to protect against age-related skin wrinkling by arresting the breakdown of collagen, an essential protein that tones and strengthens the skin.(2)

A chronic illness with many serious complications, diabetes is associated with increased oxidative stress. Increasing SOD levels may help fight the onset and progression of diabetes.(4)

SOD's powerful antioxidant properties could have important therapeutic applications in preventing and managing cancer.(5-7) Scientists now believe that genetically based deficiencies of SOD are linked to an increased susceptibility of certain people to breast and pancreatic cancers.(5,6) Ensuring adequate SOD levels may help protect against these potentially deadly malignancies.

By shielding the body from superoxide radicals, SOD may help prevent the cellular and tissue damage associated with cardiovascular disease.(8-10) While mainstream medicine promotes high cholesterol as the primary culprit in atherosclerosis and cardiovascular disease, low levels of SOD and other antioxidants may be even more important factors in elevating cardiovascular risk(11) Providing the body with optimal antioxidant support could protect against America's leading cause of premature death.

The nervous system is highly susceptible to oxidative stress. Because of its ability to protect against superoxide

radicals, SOD may guard against the cellular and tissue damage tied to neurological disease.<sup>8</sup> Specific neurological diseases linked to abnormalities in SOD include multiple sclerosis<sup>(12)</sup> and Alzheimer's<sup>TM</sup> and Parkinson's<sup>TM</sup> diseases.<sup>(13-15)</sup>

Superoxide radicals help perpetuate the chronic pain associated with inflammation. SOD's ability to neutralize superoxide radicals is associated with pain relief,<sup>(16)</sup> with potential benefits for numerous conditions, including fibromyalgia, a chronic source of muscle pain.<sup>(17)</sup>

Superoxide radicals also underlie the pain and inflammation of arthritis. Research demonstrates that patients with rheumatoid arthritis have lower dietary levels and reduced activity of SOD and glutathione peroxidase (a related antioxidant enzyme) than do healthy subjects.<sup>(18)</sup> Rheumatoid arthritis sufferers also exhibit lower levels of SOD in joint-cushioning cartilage cells known as chondrocytes, leaving these cells vulnerable to the damaging effects of nitric oxide and oxygen radicals.<sup>(19,20)</sup> These findings suggest that depleted levels of critical antioxidants such as SOD perpetuate crippling rheumatoid arthritis.

Scientists have linked inflammation to many chronic diseases that accompany ageing. SOD improved the function of white blood cells of the immune system known as macrophages. Although macrophages subjected to oxidative stress release the inflammatory compound called tumor necrosis factor, those treated with SOD release the anti-inflammatory cytokine interleukin-10 (IL-10) instead.<sup>(1)</sup>

Studies have shown that people who reach the age of 90 or 100 have high blood levels of IL-10, which may protect them from the ravages of ageing and from developing cancer by reducing inflammation.<sup>(21)</sup> By promoting the release of IL-10, SOD may help the body ward off inflammation, in a manner similar to that seen in individuals who survive to a very old age.

Other studies similarly suggest that SOD may be an important determinant of life span and longevity. Among various mammal species, those that produce higher tissue and serum levels of SOD live longer than those who do not.<sup>(22,23)</sup> This findings suggests that boosting SOD levels may be an important strategy for extending the healthy human life span.

In sum, a wealth of scientific evidence indicates that optimizing SOD levels may help to avert the many diseases associated with inflammation and ageing,<sup>(24)</sup> including diabetes, heart disease, neurological conditions, cancer, skin ageing, and arthritis.

#### References:

1. Lishnevskaja VI. The role of free radicals oxidation in the deterioration of haemovascular homeostasis in ageing. *Adv Gerontol.* 2004;13:52-7.
2. Vouldoukis I, Lacan D, Kamate C, et al. Antioxidant and anti-inflammatory properties of a Cucumis melo LC. extract rich in superoxide dismutase activity. *J Ethnopharmacol.* 2004 Sep;94(1):67-75.
3. Petersen SV, Oury TD, Ostergaard L, et al. Extracellular superoxide dismutase (EC-SOD) binds to type I collagen and protects against oxidative fragmentation. *J Biol Chem.* 2004 Apr 2;279(14):13705-10.

4. Abou-Seif MA, Youssef AA. Evaluation of some biochemical changes in diabetic patients. *Clin Chim Acta*. 2004 Aug 16;346(2):161-70.
  
5. Cai Q, Shu XO, Wen W, et al. Genetic polymorphism in the manganese superoxide dismutase gene, antioxidant intake, and breast cancer risk: results from the Shanghai Breast Cancer Study. *Breast Cancer Res*. 2004;6(6):R647-55.
  
6. Ough M, Lewis A, Zhang Y, et al. Inhibition of cell growth by overexpression of manganese superoxide dismutase (MnSOD) in human pancreatic carcinoma. *Free Radic Res*. 2004 Nov;38(11):1223-33.
  
7. Manju V, Balasubramanian V, Nalini N. Oxidative stress and tumor markers in cervical cancer patients. *J Biochem Mol Biol Biophys*. 2002 Dec;6(6):387-90.
  
8. Fattman CL, Schaefer LM, Oury TD. Extracellular superoxide dismutase in biology and medicine. *Free Radic Biol Med*. 2003 Aug 1;35(3):236-56.
  
9. Morrow JD. Quantification of isoprostanes as indices of oxidant stress and the risk of atherosclerosis in humans. *Arterioscler Thromb Vasc Biol*. 2005 Feb;25(2):279-86.
  
10. Fukai T, Folz RJ, Landmesser U, Harrison DG. Extracellular superoxide dismutase and cardiovascular disease. *Cardiovasc Res*. 2002 Aug 1;55(2):239-49.
  
11. Zawadzka-Bartczak E. Activities of red blood cell anti-oxidative enzymes (SOD, GPx) and total anti-oxidative capacity of serum (TAS) in men with coronary atherosclerosis and in healthy pilots. *Med Sci Monit*. 2005 Sep;11(9):CR440-4.
  
12. Lund-Olesen K. Etiology of multiple sclerosis: role of superoxide dismutase. *Med Hypotheses*. 2000 Feb;54(2):321-2.
  
13. Summers WK. Alzheimer's disease, oxidative injury, and cytokines. *J Alzheimers Dis*. 2004 Dec;6(6):651-7.
  
14. Choi J, Rees HD, Weintraub ST, et al. Oxidative modifications and aggregation of Cu,Zn-superoxide dismutase associated with Alzheimer and Parkinson diseases. *J Biol Chem*. 2005 Mar 25;280(12):11648-55.
  
15. Hattori N. Etiology and pathogenesis of Parkinson's disease: from mitochondrial dysfunctions to familial Parkinson's disease. *Rinsho Shinkeigaku*. 2004 Apr;44(4-5):241-62.
  
16. Chung JM. The role of reactive oxygen species (ROS) in persistent pain. *Mol Interv*. 2004 Oct;4(5):248-50.
  
17. Bagis S, Tamer L, Sahin G, et al. Free radicals and antioxidants in primary fibromyalgia: an oxidative stress disorder?

Rheumatol Int. 2005 Apr;25(3):188-90.

18. Bae SC, Kim SJ, Sung MK. Inadequate antioxidant nutrient intake and altered plasma antioxidant status of rheumatoid arthritis patients. *J Am Coll Nutr.* 2003 Aug;22(4):311-5.

19. Karatas F, Ozates I, Canatan H, et al. Antioxidant status & lipid peroxidation in patients with rheumatoid arthritis. *Indian J Med Res.* 2003 Oct;118:178-81.

20. Mazzetti I, Grigolo B, Pulsatelli L, et al. Differential roles of nitric oxide and oxygen radicals in chondrocytes affected by osteoarthritis and rheumatoid arthritis. *Clin Sci (Lond).* 2001 Dec;101(6):593-9.

21. Caruso C, Lio D, Cavallone L, Franceschi C. Ageing, longevity, inflammation, and cancer. *Ann NY Acad Sci.* 2004 Dec;1028:1-13.

22. Cutler RG. Antioxidants and longevity of mammalian species. *Basic Life Sci.* 1985;35:15-73.

23. Cutler RG. Antioxidants and ageing. *Am J Clin Nutr.* 1991 Jan;53(1 Suppl):373S-9S.

24. Gow A, Ischiropoulos H. Super-SOD: superoxide dismutase chimera fights off inflammation. *Am J Physiol Lung Cell Mol Physiol.* 2003 Jun;284(6):L915-6.

Â

Â Â Â