

歐樂士
Ultrax



純正角鯊烯 SQUALENE 1000mg

What is Squalene?

Squalene is an unsaturated hydrocarbon (C₃₀H₅₀). It is the shark liver oil derived from the liver of the deep sea shark. Squalene not only contains vitamins A, D and omega-3 fatty acids like cod liver oil, it is also naturally rich in alkoxyglycerol—a natural immune booster providing high capacity of oxygen to body cells.^[1-5] Squalene helps maintain healthy body and good vision.^[1-3]

Important functions of Squalene

High oxygen capacity for maintaining health and defense

The cause of almost all kinds of diseases is oxygen deficiency. Scholars stated that "pain" is a signal to the brain that particular part is suffered from the shortage of oxygen. Cells starving for oxygen will die and resulted in body weakness, fatigue, premature aging, poor memory and even life threatening diseases. While squalene can provide sufficient oxygen supply to body cells, its high oxygen capacity is the deep sea shark's survival secret in such a low temperature, low oxygen content and low visibility condition of 3000 meters under the sea. This compound is made up of carbon and hydrogen. It is stored in the shark's liver to provide sufficient oxygen for cells metabolism and regeneration, hence increase energy, support wound healing, strengthen body resistance against infections and increase organs reactivity such as kidney and liver.^[1-5]

Healthy cardiovascular system and eliminate waste materials

Squalene can also protect our cardiovascular system.^[1-3] It is made up of 100% unsaturated fatty-acids. Whilst circulating in the blood, it removes animal fat and various waste materials, cleaning the circulatory system. Squalene builds an anti-virus system to minimize the harm brought by outside materials to the body. Even some vaccines contain squalene.^[5] It is true that oxygen supply by squalene is essential to our health which makes our body healthy and strong.^[1-5]

Squalene as an Anti-oxidant, Anti-aging Agent and Protector of Cells

Squalene appears to play an important role in the retina. When body cells are attacked by free radicals, oxidation occurs. Retina is relatively delicate that it is easy to be attacked by free radicals, e.g. through sunlight. When the oxidized cells are more than the body can afford to repair, the retina and tissues in eyes may mutate. Functions of our eyes may be affected then. Squalene can eliminate free radicals and protect body tissues from damages and as such protect our eyes.^[1-4]

Promote brain function by providing sufficient oxygen

By carrying the oxygen to human brain, squalene can help to maintain better brain function. Research reveals that people nowadays are living in a busy and tense environment. Pressure causes the raise of adrenalin and other hormones. Our brain thus need large amount of oxygen as raw material for the production of these hormones and it exhausts the oxygen in the brain. If there's not enough oxygen supply to the brain, our body will drain from other parts of body for the supply to the brain. It may result in local hypoxia and dead of tissues in serious cases. The high oxygen capacity of squalene enables us to deal with the busy life with better brain functions.^[1-5]



Immunity



S k i n



L i v e r



B r a i n



V i s i o n

Squalene may have the following benefits:

- Improve learning ability and concentration^[6-7]
- Improve memory and intelligence^[6-7]
- Protect retina and eyes for better vision^[1-2]
- Promote metabolism^[1-3]
- Improve body resistance against infections^[1-3]
- Increase energy and endurance
- Anti-oxidant and help excrete harmful substances^[1-5]
- Minimize free-radicals^[1-4]
- Maintain health of lymph, heart, brain and cardiovascular system^[1-3]

Recommended daily dose:

For Adults: Take 1-2 softgel capsules daily.

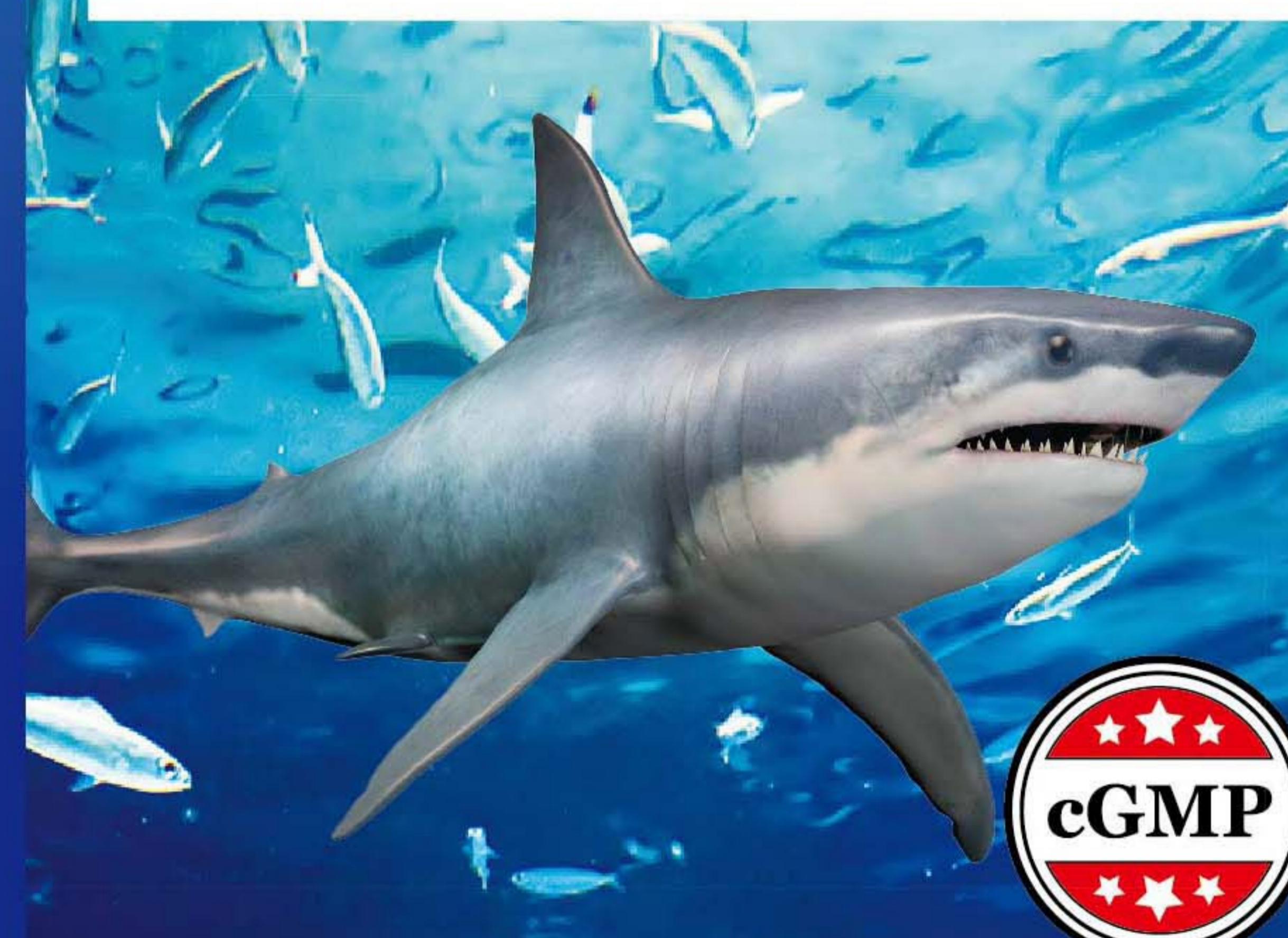
For Children under 12: Take 1 softgel capsule daily or as recommended by physicians.

References:

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4. Huang ZR, Lin YK, Fang JY. Biological and pharmacological activities of squalene and related compounds: potential uses in cosmetic dermatology. *Molecules.* 2009;14:540-54.
5. Fox CB. Squalene emulsions for parenteral vaccine and drug delivery. *Molecules.* 2009;14(9):3286-312.
6. Hadders-Algra M. Effect of long-chain polyunsaturated fatty acid supplementation on neurodevelopmental outcome in full-term infants. *Nutrients* 2010;2(8):790-804.
7. Sinn N, Milte C, Howe PR. Oiling the brain: a review of randomized controlled trials of omega-3 fatty acids in psychopathology across the lifespan. *Nutrients* 2010;2(2):128-70.

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