

Active Living Sports Bars & Powders



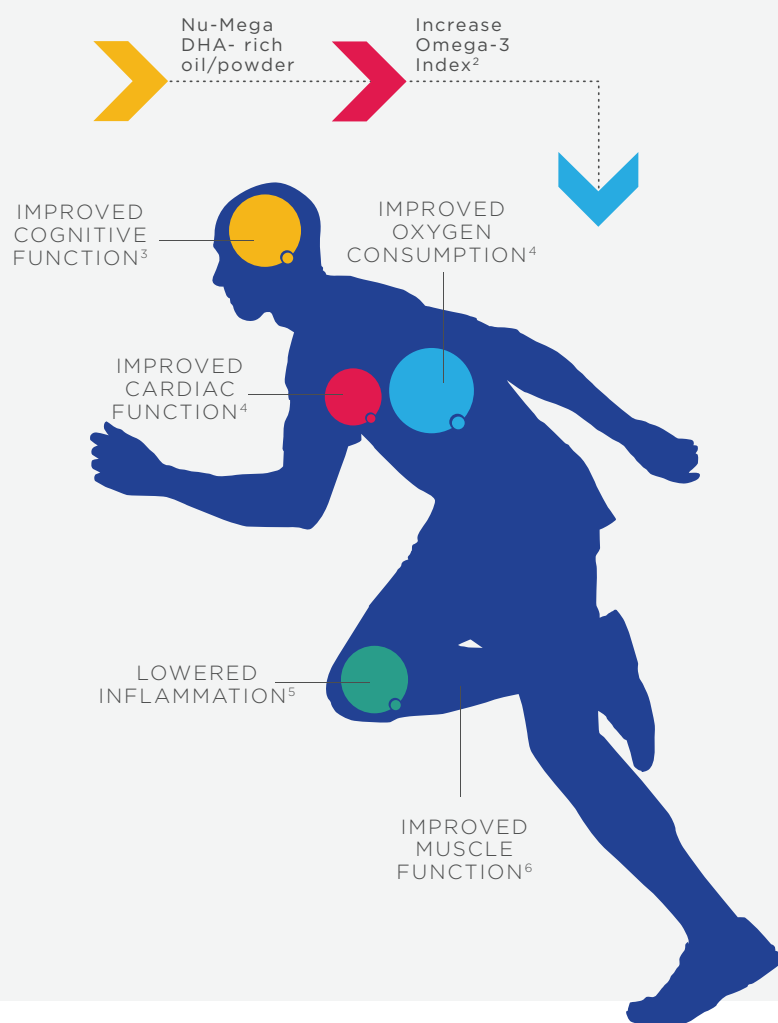
Boost athletic performance with high-DHA sports nutrition bars and beverages

Elite athletes are always seeking a competitive edge and are increasingly interested in nutrients and approved supplements that can improve performance, muscle condition and exercise recovery, increase metabolic capacity, delay the onset of fatigue and shorten recovery periods.

But despite this growing emphasis on nutrition, many athletes do not consume nearly enough food that is naturally high in essential nutrients.

Mounting research through the past decade highlights that Omega-3 DHA has many beneficial impacts on cardiac and skeletal muscle function, oxygen consumption, cognitive function and a reduction in inflammation and oxidative stress¹.

Studies show that a high Omega-3 Index is essential to support high level physical exertion and that Omega-3 DHA elevates the Omega-3 Index more rapidly than EPA².



Nu-Mega™ Ingredients high performance DHA oils and powders enable higher fortification of sports nutrition products, including beverages and protein bars, with up to 350 mg of DHA per serve.

Nu-Mega™ Ingredients is a world leader for microencapsulating high Omega-3 DHA. Its ground-breaking products, including Driphorm® HiDHA® 360 from fish oil, vegetarian DHA option Driphorm® SCO DHA-S 50 and vegan option Driphorm® HA DHA-S 30 offer:

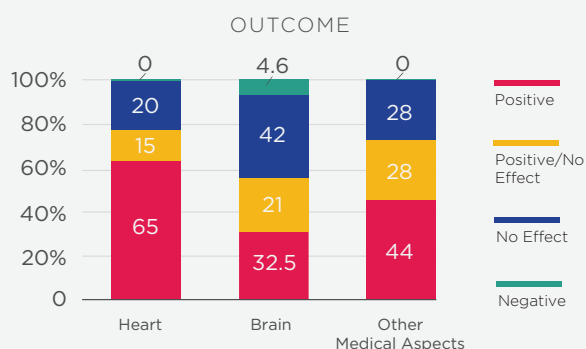
- Ultra high DHA levels (Driphorm® HiDHA® 360 contains three times more DHA from fish than comparable products)
- Remarkable 24 month shelf life at ambient temperature
- Excellent sensory profile
- Multiple product development opportunities for sports nutrition applications and formats
- Key accreditations for worldwide applications
- Organic input certification
- All ingredients non-GMO by origin
- Halal certified.



Nu-Mega™ Ingredients a global research leader in high DHA fish oils

Nu-Mega™ Ingredients is internationally recognised for its collaboration with research institutions into the scientifically validated benefits of high DHA fish oils. In 2018, a critical review *How does high DHA fish oil affect health? A systematic review of evidence*¹ was driven by Nu-Mega™ Ingredients' research and development team and published in the globally prestigious Food Science and Nutrition journal.

In what is the first major review of DHA research studies in nearly 20 years, the review focused on 113 studies published since 2000 into the effects of high DHA. These studies showed positive DHA outcomes for the heart, brain and other medical aspects.



The studies used fish oil requested from a number of international suppliers. Nu-Mega™ Ingredients was the largest supplier, with 40% of trials using Nu-Mega™ Ingredients' HiDHA® fish oil. However Nu-Mega™ Ingredients had no influence on the design, outcome or publication of the studies.

¹How does high DHA fish oil affect health? A systematic review of evidence. Ghasemi Fard S et al. *Crit Rev Food Sci Nutr*. 2018. ²Supplementation with high-dose docosahexaenoic acid increases the Omega-3 Index more than high-dose eicosapentaenoic acid. Allaire J et al. *PLEFA*. 2017. ³Neuroimaging of Cognitive Dysfunction and Depression in Aging Retired National Football League Players: A Cross-sectional Study. Hart J et al. *JAMA Neurology*. 2013. ⁴Fish oil reduces heart rate and oxygen consumption during exercise. Peoples GE et al. *J Cardiovasc Pharmacol*. 2008. ⁵Effects of DHA-rich fish oil supplementation on the lipid profile, markers of muscle damage, and neutrophil function in wheelchair basketball athletes before and after acute exercise. Marques CG et al. *Appl Physiol Nutr Metab*. 2015. ⁶Dietary fish oil reduces skeletal muscle oxygen consumption, provides fatigue resistance and improves contractile recovery in the rat in vivo hindlimb. Peoples GE et al. *Br J Nutr*. 2010.

Head Office

39 Pinnacle Road
Altona North
Victoria 3025 Australia

Postal address

PO Box 1111
Altona Gate
Victoria 3025 Australia

Phone +61 3 8369 2100

Fax +61 3 8369 8900

www.clovercorp.com.au

