



Starting Out Infant & Child Nutrition



DHA essential for infant and child growth, health and wellbeing

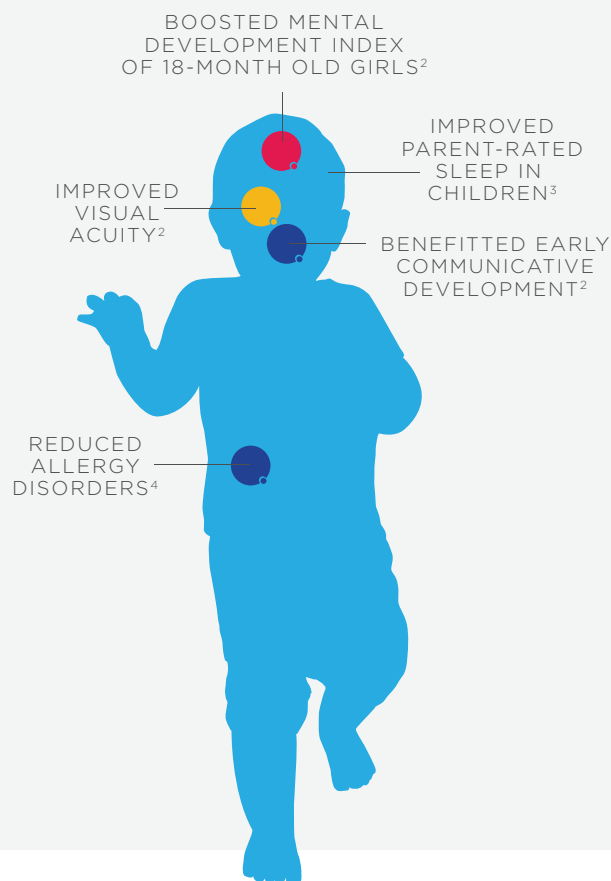
Right from birth, essential nutrients are the key building blocks for a long and healthy life.

There's mounting evidence to show that DHA is an essential ingredient in supporting many functions from early childhood, including brain health and development, strong vision, the immune system and even a good night's sleep.

Nu-Mega™ Ingredients high performance DHA oils and powders meet the European Union Regulations for fortification of infants' and children's formulas and food products: up to 250 mg of DHA per serve with no negative sensory impact.

The European Food Safety Authority (EFSA) supports the recommendation that infants aged under 24 months should consume 100mg of DHA per day and children aged 2-18 years should consume 250mg of DHA per day for normal brain development¹.

In 2018, a critical review² of 113 studies published since 2000 into the effects of high DHA supplementation showed it:



Nu-Mega™ Ingredients is a world leader for microencapsulating high Omega-3 DHA. Its ground-breaking products, including Driphorm® HiDHA® 50, Driphorm® HA HiDHA® 30 and Driphorm® SCO DHA -S 50 are designed to fortify products for infants and children. They offer:

- Higher DHA levels than comparable products
- Multiple product development opportunities for infant formula, weaning foods, gummies, dairy products, drinks and bakery items
- Remarkable 24 month shelf life at ambient temperature
- No negative sensory impact
- Key accreditations for worldwide applications
- Organic input certification
- All ingredients non-GMO by origin
- Halal certified.



DHA-fortified gummies

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*² was driven by Nu-Mega™ Ingredients' research and development team and published in the globally prestigious Food Science and Nutrition journal.

Nu-Mega™ Ingredients was the largest supplier of high DHA fish oils for studies, supporting 70% of infant and toddler studies, 25% of schooler studies and 100% of adolescent studies with Nu-Mega™ HiDHA® tuna oil. However, Nu-Mega™ Ingredients had no influence on the design, outcome or publication of the studies.

¹European Food Safety Authority (EFSA) scientific opinion on the substantiation of health claim related to DHA and contribution to normal brain development pursuant to Article 14 of Regulation (EC) No.1924/2006. ²How does high DHA fish oil affect health? A systematic review of evidence. Ghasemi Fard et al. *Critical Reviews in Food Science and Nutrition*. 2018. ³Omega-3 and sleep: New insights from the DHA Oxford Learning and Behaviour (DOLAB) study. Richardson A. *Lipid Technology*. 2015. ⁴Fish oil supplementation in early infancy modulates developing infant immune responses. D'Vaz N et al. *Clin Exp Allergy*. 2012.

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 9369 8900

www.clovercorp.com.au

