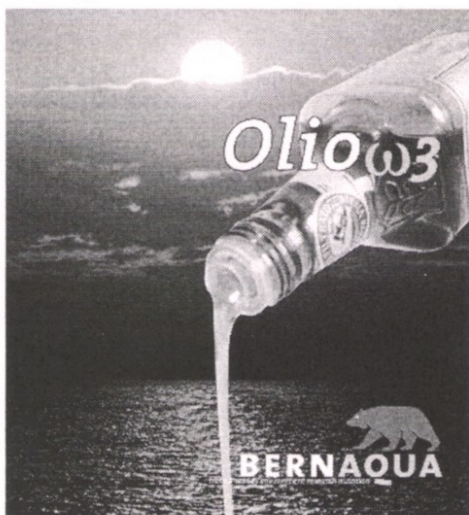


Olio ω 3



BERNAQUA
biotechnology environment research nutrition



Olio ω3

Olio ω3 is a stable emulsion based on refined fish oils and phospholipids. Olio ω3 is stabilized with carefully selected emulsifiers and organic acids. Olio ω3 is also enriched with Vitamins E and C that are acting as anti-oxidants in the product itself but more importantly in the body of the fish larvae. Vitamin E is a lipid based anti-oxidant and protects membranes and highly unsaturated fatty acids. Vitamin C is playing important functions in regenerating Vitamin E but also in immune functions and tissue formation.

Olio ω3 is readily forming a uniform and stable emulsion of lipid droplets of approximately 1-3 microns in size. These lipid particles are filter efficiently by rotifers or Artemia.

Composition:

Refined fish oils, phospholipids, water, emulsifier, vitamins, anti-oxidants

Analysis:

Nutrient	Value	Nutrient	Value
Moisture	28,5 %	Vitamin A	105.000 IU/kg
Lipids	63,0 %	Vitamin D3	21,000 IU/kg
Ash	1,5 %	Vitamin C	1050 ppm
		Vitamin E	6125 ppm
DHA	72 mg/g		
EPA	108 mg/g		
Total (n-3) HUFA	180 mg/g		

Instructions for use:

Rotifer enrichment:

Cleaned rotifers should be enriched at a density of up to 500,000 rotifers per liter, for a period of 6 hours. Olio ω3 is added in 2 rations of 60 gram/m³/ration. Rotifers are harvested after 6 hours and rinsed to remove all traces of the enrichment medium.

Artemia enrichment:

Incubate *Artemia* nauplii at densities of up to 300,000 nauplii per liter, at a temperature of 25-30°C while maintaining an oxygen concentration of more than 4 mg oxygen per liter. Olio ω3 is added in 2 rations of 250 grams/m³/ration, 12 hours apart for a standard 24 hour enrichment. Harvested *Artemia* must be rinsed to remove all traces of the enrichment medium.

Packaging:

Olio ω3 is packed in 1,0 kg PE bottles. One carton contains 10,0 kg.