

Eicosamax® TG

Ultra-pure, sustainable fish oil products

Introduction

Eicosamax is part of Klaire's essential fatty acid supplement line, providing concentrated omega-3 fatty acids derived from ultra-purified fish oil. The fish from which these triglyceride fatty acids are derived (anchovy, sardine, and mackerel) are responsibly and sustainably harvested off the coast of South America. All oils are processed in pharmaceutically-licensed production plants.

Background

Omega-3 fatty acids are often called “good fats” due to the numerous roles they play in supporting health, including supporting a balanced inflammatory and pro-resolving response, assisting cholesterol and triglyceride metabolism, and supporting heart, joint, skin, brain, and nerve function.¹ Of the omega-3 fatty acids, eicosapentaenoic acid (EPA) and docosahexaenoic acid (DHA) are the most-studied and most needed by the body. Omega-3 fats are considered essential because humans can only obtain them by consuming them at necessary levels in the diet. Unfortunately, most Americans do not consume adequate levels of foods that provide these fats, such as cold-water fish or fortified egg and dairy products. Because of this, taking an EPA and DHA supplement is a convenient way to support optimal intake of omega-3 fatty acids in the diet.¹

The World Health Organization (WHO)¹, American Heart Association (AHA)², United States Department of Agriculture (USDA),³ and dozens of other scientific and medical organizations⁴ recommend consuming omega-3 fatty acids.

Product features

- **An ultra-pure product:**¹ To ensure the highest purity and quality, Eicosamax contains the highest-grade fish oils available.
- **No fishy taste:** In addition to removing harmful toxins, compounds and impurities that can contribute to a fishy taste are also removed from this product. The fresh taste of Eicosamax is maintained by the careful handling of oil ingredients to avoid fatty acid oxidation. Natural mixed tocopherols are added as antioxidants, and lemon oil is added to provide a clean, refreshing taste.
- **Quality-assurance tested:** To verify product purity, potency, and freedom from contaminants, each batch of Eicosamax is analyzed for 250 potential environmental toxins by an accredited, third-party laboratory.
- **Free of the following common allergens:** milk/casein, eggs, tree nuts, peanuts, wheat, gluten, corn, and yeast. Contains no artificial colors, flavors, or preservatives.
- **Available in capsule and liquid form**

How do they work?

Fatty acids serve many vital roles in human physiology and metabolism. They have structural functions as components of phospholipids, the so-called “building blocks” of cell membranes; as part of neutral lipids, they serve as storage materials in cells; and fatty acid derivatives (i.e., eicosanoids) are involved in cell signaling.⁵

The science of omega-3 fatty acids continues to expand and deepen. The presence of these health-promoting essential fatty acids was first recognized when scientists studied the diets of long-lived Inuit people which were high in fish. These fatty acids are now known to contribute to heart health and the modulation of inflammation in the body through a variety of mechanisms:^{1 6-8}

- They generate resolvins and protectins, substances that speed healing and resolve inflammation.
- They modulate the production of cytokines, especially TNF- α and IL-1.
- They suppress arachidonic acid-COX-derived eicosanoids, primarily PGE2-dependent signaling.
- They displace arachidonic acid in macrophage membranes, thereby inhibiting the COX-2 pathway and decreasing production of angiogenic growth factors, including vascular endothelial growth factor- α .

†These statements have not been evaluated by the Food and Drug Administration.
This product is not intended to diagnose, treat, cure, or prevent any disease.

- They may modulate NF-kappa-B transcriptional activator proteins, a principal pathway for macrophage cytokine elaboration.
- They alter plasma membrane micro-organization (also known as lipid rafts), particularly as they relate to the function of Toll-like receptors (TLRs), and T-lymphocyte signaling molecule recruitment to the immunological synapse.

More importantly, supplementation with omega-3 fatty acids from fish oil has been shown in hundreds of human clinical trials to support heart and vascular health, brain health and mood, healthy inflammatory response, metabolic health, healthy pregnancy, and much more.¹⁹⁻¹⁵

Formula

Softgels

SUGGESTED USE: 1 softgel, 1 to 3 times daily with food or as directed by a healthcare professional.

Supplement Facts		
Serving Size 1 Softgel		
Amount Per Softgel	% Daily Value	
Calories	10	
Calories from Fat	10	
Total Fat	1 g	1%**
Saturated Fat	<0.5 g	<1%**
Polyunsaturated Fat	1 g	*
Marine Fish Oil Concentrate (highly refined)	1,100 mg	*
Total Omega-3 Fatty Acid (as triglycerides)	650 mg	*
EPA (eicosapentaenoic acid as triglyceride)	360 mg	*
DHA (docosahexaenoic acid as triglyceride)	240 mg	*

*Daily Value not established.
**Percent Daily Values are based on a 2,000 calorie diet.

Other ingredients: Gelatin, water, glycerin, natural lemon flavor, and natural mixed tocopherols.

Contains: Fish (highly refined oil from anchovy, sardine, and mackerel).

EMXTG 60 softgels

EMXTG120 120 softgels

How supplied

60 or 120 softgels per bottle. 30 teaspoons per bottle.

Storage

Store in a cool, dry place (59F-85F) away from direct light. Keep out of reach of children.

References

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Liquid

SUGGESTED USE: 1 teaspoon daily with food or as directed by a healthcare professional.

Supplement Facts		
Serving Size 1 Teaspoon (Approx. 5 mL) • Servings Per Container 30		
Amount Per Teaspoon	% Daily Value	
Calories	40	
Calories from Fat	40	
Total Fat	4.5 g	6%**
Polyunsaturated Fat	3 g	*
Cholesterol	20 mg	7%
Marine Fish Oil Concentrate (highly refined)	4,600 mg	*
Total Omega-3 Fatty Acid (as triglycerides)	2,800 mg	*
EPA (eicosapentaenoic acid as triglyceride)	1,400 mg	*
DHA (docosahexaenoic acid as triglyceride)	925 mg	*

*Daily Value not established.
**Percent Daily Values are based on a 2,000 calorie diet. Daily Value not established.

Other ingredients: Natural lemon flavor, natural mixed tocopherols, rosemary extract, and ascorbyl palmitate.

Contains: Fish (highly refined oil from anchovy, sardine, and mackerel).

EMLTG 5 fluid oz. (150 mL)