# **Omega-3 Softgels**

**Enhanced EPA/DHA Absorption** 



#### PRODUCT BENEFITS\*

- Positively affects the production of arachidonic acid-derived eicosanoids\*
- Supports cardiovascular health\*
- Supports healthy mental functioning\*
- Supports healthy glucose and insulin metabolism\*
- By supplying the precursors EPA and DHA, helps the body generate specialized proresolving lipid mediators, such as resolvins and protectins\*

Omega-3 features MaxSimil® monoglyceride fish oil that has a three times greater EPA+DHA absorption rate than an equivalent dose of other leading fish oils. Through the use of MaxSimil patented lipid absorption enhancement technology (PLATform), the fish oil is absorption-ready and can be directly assimilated in the intestinal tract for maximum benefit.\*

## **DIRECTIONS FOR USE**

Take one softgel daily, or use as directed by your healthcare professional.

## **STORAGE**

Keep tightly closed in a cool, dry place out of reach of children.

## **WARNING**

Consult your healthcare practitioner prior to use. Individuals taking blood thinners or other medication should discuss potential interactions with their healthcare practitioner. Do not use if tamper seal is damaged.



#### **KEY INGREDIENTS**

## MaxSimil® Patented Lipid Absorption Enhancement Technology (PLATform)

The MaxSimil PLATform is a novel monoglyceride delivery system that enhances absorption of lipid-based and lipid-soluble nutraceutical and food ingredients. This technology has been applied to Omega-3 Softgels formula in order to create a unique vehicle by which to deliver EPA and DHA. Due to the fact that monoglyceride oils are intrinsically emulsifiers and are, by nature, in a readily absorbable form, they can bypass the body's normal fat digestion process. These qualities make Omega-3 Softgels an excellent method for delivering omega-3 fatty acids, especially to individuals with digestive, pancreatic, or gall bladder challenges. Studies show that MaxSimil fish oils (FO) have three times (300%) greater absorption of EPA and DHA compared to other leading fish oils.\*13

## SUPPLEMENT FACTS

Serving size: 1 Capsule Servings per container: 60	Amount Per Serving	% Daily Value
Calories	10	
Total Fat	1 g	1%*
MaxSimil® Fish Oil Concentrate	1.3 g	**
Total Omega-3 Fatty Acids	860 mg	**
EPA (eicosapentaenoic acid)	600 mg	**
DHA (docosahexaenoic acid)	260 mg	**
DPA (docosapentaenoic acid)	25 mg	**

<sup>\*</sup> Percent Daily Values are based on a 2000 calorie diet.

Other Ingredients: Softgel (fish gelatin, vegetable glycerin, and purified water), GRAS enteric coating (ethylcellulose, sodium alginate, purified water, medium-chain triglycerides, oleic acid, vegetable stearic acid, and ammonium hydroxide), and mixed natural tocopherols.

 $\begin{tabular}{ll} \textbf{Contains:} Fish (anchovy and/or sardine [sources of fish oil], tilapia and/or pangasius [sources of fish gelatin]). \end{tabular}$ 

Does Not Include: Wheat, gluten, corn, yeast, soy protein, dairy products, shellfish, peanuts, tree nuts, egg, ingredients derived from genetically modified organisms (GMOs), artificial colors, artificial sweeteners, and artificial preservatives.

MaxSimil® is a registered trademark of Neptune Wellness Solutions Inc.

<sup>\*\*</sup> Daily Value Not Established

## **Omega-3 Softgels**



## REFERENCE LIST

- 1. Unpublished, internal data. Ingenutra.
- Fortin S, inventor; Centre de Recherche sur les Biotechnologies Marines, assignee. Compositions comprising polyunsaturated fatty acid monoglycerides or derivatives thereof and uses thereof. US patent 8,198,324. June 12, 2012.
- MaxSimil Patented Lipid Absorption Technology Clinical Study Report: MaxSimil® 3020 Omega-3. Sherbrooke (Québec), Canada: Ingenutra; 2015. [Unpublished, internal data]
- Morin C, Rousseau É, Fortin S. Anti-proliferative effects of a new docosapentaenoic acid monoacylglyceride in colorectal carcinoma cells. Prostaglandins Leukot Essent Fatty Acids. 2013 Sep;89(4):203-13. [PMID: 23932824]
- Fortin S, inventor; Centre de Recherche sur les Biotechnologies Marines, assignee.
   Polyunsaturated fatty acid monoglycerides, derivatives, and uses thereof. US patent 8,119,690. February 21, 2012.
- Fortin S, inventor, Centre de Recherche sur les Biotechnologies Marines, assignee. Polyunsaturated fatty acid monoglycerides, derivatives, and uses thereof. US patent 8,329,747. December 11, 2012.
- Morin C, Blier PU, Fortin S. Eicosapentaenoic acid and docosapentaenoic acid monoglycerides are more potent than docosahexaenoic acid monoglyceride to resolve inflammation in a rheumatoid arthritis model. Arthritis Res Ther. 2015 May 29;17:142. [PMID: 26022389]
- Morin C, Fortin S, Cantin AM, et al. Docosahexaenoic acid derivative prevents inflammation and hyperreactivity in lung: implication of PKC-Potentiated inhibitory protein for heterotrimeric myosin light chain phosphatase of 17 kD in asthma. Am J Respir Cell Mol Biol. 2011 Aug;45(2):366-75. [PMID: 21057106]
   Morin C, Fortin S, Cantin AM, et al. MAG-EPA resolves lung inflammation in
- Morin C, Fortin S, Cantin AM, et al. MAG-EPA resolves lung inflammation in an allergic model of asthma. Clin Exp Allergy. 2013 Sep;43(9):1071-82. [PMID: 23957243]
- Morin C, Cantin AM, Rousseau É, et al. Pro-resolving action of MAG-DHA in lung inflammatory models related to cystic fibrosis. Am J Respir Cell Mol Biol. 2015 Oct;53(4):574-83. [PMID: 25781052]
- Morin C, Fortin S, Rousseau É. New omega-3 derivatives reduce airway inflammation and prevent rho-kinase activation in an allergic model of asthma. J Aller Ther. 2012;3(S1):003. doi:10.4172/2155-6121.S1-003.
- Morin C, Rousseau É, Blier PU, et al. Effect of docosahexaenoic acid monoacylglyceride on systemic hypertension and cardiovascular dysfunction. Am J Physiol Heart Circ Physiol. 2015 Jul 1;309(1):H93-H102. [PMID: 25910811]
- Weylandt KH, Chiu CY, Gomolka B, et al. Omega-3 fatty acids and their lipid mediators: towards an understanding of resolvin and protectin formation. Prostaglandins Other Lipid Mediat. 2012 Mar;97(3-4):73-82. [PMID: 22326554]