BRING THE UNIQUE BENEFITS OF MARINOL TO YOUR CONSUMERS—AND YOUR BUSINESS.

Ideal for use in food supplements, functional food, and infant nutrition applications, Marinol Omega-3 Triglycerides are formulated using a gentle, proprietary natural concentration and purification process.

For an optimized combination of sensory, scientific and safety-based attributes that meet your consumers’ needs, just add Marinol.

**SENSORY EXPERIENCE**

Your consumers want:
- No fishy odor or aftertaste (reflux)

Marinol provides:
- An average TOTOX value that is 50% lower than industry standards
- Omega-3 fatty acids that remain in the natural sn-2 position where they are less prone to oxidation
- Gentle processing for a preeminent flavor profile

Your bottom line benefits:
- Longer shelf life = significant inventory savings
- A better consumer sensory experience that will attract repeat users

**SCIENTIFIC EFFICACY**

Your consumers want:
- To achieve quantities of EPA/DHA associated with health benefits and claims

Marinol provides:
- A proprietary process that offers the most concentrated “Natural” TG form and 33% higher Omega-3 than standard 18/12 oils
- Omega-3 acids that are more readily absorbed by certain body tissues, especially the brain
- TGs with particular levels of mono- and diglycerides that form emulsions more easily than fish oils
- Emulsified oils, which are better absorbed than non-emulsified oils

Your bottom line benefit:
- A unique Omega-3 technology that enables increased sales in the fast-growing Omega-3 concentrate market

**SAFETY**

Your consumers want:
- Lower levels of heavy metals, PCBs, dioxins and other contaminants
- Low levels of saturated fat (SAFA)

Marinol provides:
- Lower levels of contaminants on a relative EPA/DHA concentration basis
- 30% less saturated fats than standard fish oil

Your bottom line benefits:
- Repeat purchases and increased profits
- Protection of brand equity
**ATTRIBUTE** | MARINOL C-38 | MARINOL C-38 CAPSULES | MARINOL D-40 OIL | MARINOL D-40 POWDER | MARINOL EMULSION
--- | --- | --- | --- | --- | ---
SKU | 1076209 (drum) 1077316 (jug) | 1079173 | 1076271 (drum) 1077317 (jug) | 1078010 | Made to Order
PACK SIZE | 190 kg Drum 15.85 kg Jug | 4000 caps in a box (1000 mg/cap) | 190 kg Drum 15.85 kg Jug | 10 kg bag | Custom
SHELF LIFE/STORAGE | 24m/-20°C | 24m/7°C | 24m/-20°C | 24m/5-10°C | 4m/4-8°C
INFANT NUTRITION | X | X | X | X
MEDICAL FOODS | X | X | X | X
SOFT GELS | X | X | X | X
SPOONABLE LIQUIDS | X | X | X | X
GUMMIES & CHEWS | X | X | X | X
FOOD | X | X | X | X
NA | X | X | X | X | X
EU | X | X | X | X | X

*Please contact Stepan Lipid Nutrition for information on your region/market. Restrictions on use exist and are the sole responsibility of the manufacturer.*
Our dynamic portfolio delivers nutritional benefits to your functional foods, beverages and dietary supplements. From weight management and sports nutrition, to cardiovascular and cognitive health applications, you can count on Stepan Lipid Nutrition to bring the benefits of better health to your formulations and your business.

FORMULATE WITH STEPAN LIPID NUTRITION AND MARINOL TO GROW YOUR BUSINESS. CONTACT US TODAY TO LEARN MORE!

OVERVIEW OF AVAILABLE HEALTH CLAIMS®

US
Supportive but not conclusive research shows that consumption of EPA and DHA Omega-3 fatty acids may reduce the risk of coronary heart disease. One serving of [Name of the food] provides [ ] gram of EPA and DHA Omega-3 fatty acids.

Canada
For products providing 100 to 3,000 mg EPA + DHA, including at least 100 mg DHA, per day: Helps support cognitive health and/or brain function.

For products providing 150 to 2,000 mg EPA + DHA, including at least 150 mg DHA, per day: Helps support the development of the brain, eyes and nerves in children up to 12 years of age.

For products providing 1,500 to 3,000 mg EPA + DHA and containing a ratio of EPA:DHA between 1.75:1 and 2:1, including at least 1,000 mg EPA, per day: Helps to promote healthy mood balance.

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References

1Marinol® Specifications http://www.stepan.com/Products/Product-Finder.aspx?category=MARINOL%C2%AE

2Docosahexaenoic acid is more stable to oxidation when located at the sn-2 position of the triacylglycerol compared to sn-1/3, C. Wijesundera et al, JAOCS (2008) 85:543-548


5Bioavailability of marine n-3 fatty acid formulations, J Dyerberg et al, Prostaglandins, Leucotriences and Essential Fatty Acids 83 (2010) 137-141.

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