



Cognitive and emotional development and overall health of children

APPLICATIONS / BENEFITS

- Highly concentrated, easy-to-take liquid
- Evidenced-backed high EPA (to DHA) formula
- Supports childhood neuro and emotional development
- Promotes positive mood and behavior
- Superior triglyceride form

OVERVIEW

Patient One SHARPkids Omegas supplies highly purified and concentrated Omega-3 fatty acids as triglycerides in an easy-to-take liquid form. SHARPkids Omegas is formulated in a high EPA (eicosapentaenoic acid) to DHA (docosahexaenoic acid) ratio for targeted health benefits.

Increasing evidence indicates that fatty acid deficiencies or imbalances contribute to childhood neuro-development disorders. Studies have linked levels of Omega-3 fatty acids in the blood to children's ability to concentrate and learn as well as to behavior issues. Higher doses of EPA within essential fatty acids supplements was significantly associated with increased efficacy in treating symptoms related to cognition and behavior.

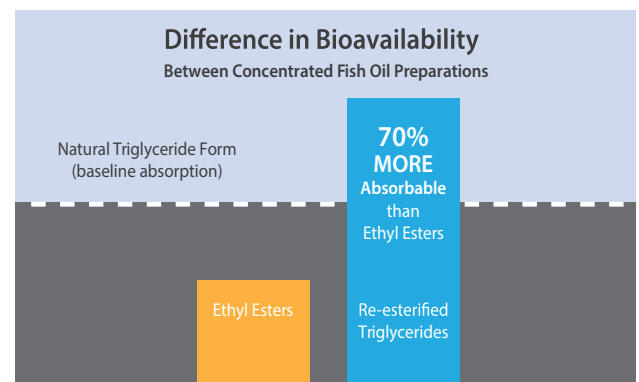
SHARPkids Omegas is a rich source of Omega-3 long-chain polyunsaturated fatty acids. With today's diets commonly lacking sufficient omega 3s, many children are deficient in EPA and DHA, the two most studied essential fatty acids in fish oil. These vital nutrients are important building blocks of child development and play key roles in every aspect of health, including brain and eye function. Omega-3s, particularly in high EPA to DHA ratios, have been studied for their role in healthy neuro and emotional development, behavioral improvement, cardiovascular function, respiration and joint flexibility.

Certified pharmaceutical grade fish oil sourced from Norwegian cold water fish (anchovy, sardine, mackerel), SHARPkids Omegas is molecularly distilled and

manufacturer-tested as well as third-party tested for contaminants and environmental pollutants. Our processing technology and proprietary natural lemon flavoring ensures no fishy smell, taste, or aftertaste.

THE "TRIGLYCERIDE" FORM ABSORPTION ADVANTAGE

The many health benefits of Omega-3s can only be derived if your body absorbs the fatty acids. Although scientific research demonstrates the triglyceride form as the superior delivery mode of fish oil, very few fish oil concentrates in the marketplace are available in this form because of the higher production costs. Most fish oils contain the "ethyl ester" form of fatty acid, synthetic Omega-3 molecules, shown to be less effective in delivering essential fatty acids to the body during digestion and metabolism. SHARPkids Omegas supplies fish oil concentrate in the preferred re-esterified triglyceride form to optimize its effectiveness.



Dyerberg J, et al. Bioavailability of marine n-3 fatty acid formulations. Prostaglandins Leukot Essent Fatty Acids 2010 Sep;83(3): 137-141.

RESEARCH

• A pilot study evaluated the effects of high-dose eicosapentaenoic acid (EPA) and docosahexaenoic acid (DHA) supplementation on the isolated plasma phospholipids and behavior in nine children with ADHD (primarily inattentive subtype and combined subtype). At the end of the 8-week study, a psychiatrist (blind to supplement compliance or dosage modifications) reported significant improvements in behavior (inattention, hyperactivity, oppositional/defiant behavior, and conduct disorder). There was also a significant correlation between the reduction in the AA:EPA ratio and global severity of illness scores. The findings suggested supplementation with high-dose EPA/DHA concentrates may improve behavior in children with ADHD.

• Evidence supports that fatty acid deficiencies or imbalances in children or expectant mothers contributes to childhood neuro-developmental disorders.

• Research shows that subjects with lower compositions of total n-3 fatty acids had significantly more behavioral problems, temper tantrums, and learning, health, and sleep problems than did those with high proportions of n-3 fatty acids.

REFERENCES

1. J Am Acad Child Adolesc Psychiatry. 2011 Oct; 50(10): 991–1000.
2. Schuchardt JP, Huss M, Stauss-Grabo M, Hahn A. Significance of long-chain polyunsaturated fatty acids (PUFAs) for the development and behavior of children. Eur J Pediatric 169: 149-164.
3. Richardson AJ, Montgomery P. The Oxford-Durham study: a randomized, controlled trial of dietary supplementation with fatty acids in children with developmental coordination disorder. Pediatrics. 2005 May; 115(5): 1360-6.
4. Paul J Sorgi, Edward M Hallowell, Heather L Hutchins and Barry Sears. Effects of an open-label pilot study with high-dose EPA/DHA concentrates on plasma phospholipids and behavior in children with attention deficit hyperactivity disorder. Nutrition Journal 2007, 6:16.
5. Archives of General Psychiatry. 2002. 59: 913-919.

Supplement Facts

Serving Size: 1/4 Teaspoon

Servings Per Container: about 120

Each 1/4 Teaspoonful Contains	% DV*	
Calories	10	
Total Fat	1 g	1%
Cholesterol	<5 mg	<2%
Omega-3 Fatty Acids † (from Fish Oil)	700 mg	**
EPA (Eicosapentaenoic Acid) †	350 mg	**
DHA (Docosahexaenoic Acid) †	230 mg	**
Additional Omega-3 Fatty Acids †	120 mg	**

* Daily Values based on 2,000 calorie diet

** Daily Value not established

† Triglycerides

Other Ingredients: natural lemon flavor, proprietary antioxidant blend (natural tocopherols, rosemary extract, ascorbyl palmitate)

Contains: fish (anchovy, sardine, mackerel)

Free of: milk, egg, peanuts, tree nuts, wheat, yeast and gluten. Free of ingredients derived from GMOs.

Suggested Use: Children (age 6-14) take 1/4 teaspoon daily, with a meal, or as directed by a health practitioner. Adults take 1/2 to 1 teaspoon daily. Refrigerate after opening and use within 120 days.

Purity Certified: SHARPkids Omegas ultra-pure triglyceride form is highly refined and concentrated, pharmaceutical grade Omega 3 fish oil, molecularly distilled and third-party tested for environmental toxins, including heavy metals, dioxins and PCBs.

Caution: If you are pregnant, nursing, taking blood thinners or any medications, or anticipate surgery, consult your health practitioner before use. Discontinue use and consult your health practitioner if any adverse reactions occur. **Keep out of reach of children.**

Gluten Free

Non-GMO

Liquid



The statements in this document have not been evaluated by the FDA. This product is not intended to diagnose, treat, cure, or prevent any disease.

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Patient One
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