



Code: 9273 NPN: 80044225

Size: 60 Softgels

**Actual Size:** 15.55 mm x 9.85 mm



# Phosphatidylserine

Supports Cognitive Function Soy Free · Non-GMO · 100 mg

- Exogenous phosphatidylserine crosses the blood-brain barrier, where it appears to have an affinity for the hypothalamus
- In the human brain, phosphatidylserine safely slows, halts, or reverses biochemical alterations and structural deterioration in nerve cells
- Phosphatidylserine has been shown to support the function of neurotransmitters acetylcholine, norepinephrine, serotonin, and dopamine in the brain
- Sharp-PS® GREEN provides a non-GMO, 100% soy-free, and safe source of phosphatidylserine derived from sunflower oil

#### PRODUCT SUMMARY

Phosphatidylserine is the most abundant phospholipid in the brain. Along with other phospholipids, phosphatidylserine plays important roles in the structure and fluidity of cell membranes, intercellular communication, and protection of cells from damage produced by free radicals. Due to its presence in the brain, the effects of phosphatidylserine on the central nervous system have been widely studied. Importantly, clinical studies suggest that phosphatidylserine supports cognitive functions such as memory, learning, concentration, and vocabulary, which tend to decline with age. In addition to this role in age-related cognitive decline, phosphatidylserine has been used in Alzheimer's disease, attention deficit-hyperactivity disorder (ADHD), depression, and improving mental function in young people.

In a double-blind placebo-controlled trial, the combination of phosphatidylserine with DHA showed improvement in cognitive performance in non-demented elderly with memory complaints. Specifically, verbal immediate recall was significantly improved in the treatment group, and post hoc analysis revealed that a subset of participants with relatively good cognitive performance at baseline had significant treatment-associated improvements in immediate and delayed verbal recall, learning abilities, and time to copy a complex figure.

In the past, commercial sources of phosphatidylserine have been derived from animal sources. However, enhanced technology has enabled the development of a plant-based source of this important nutrient. Phosphatidylserine from Bioclinic Naturals is made from Sharp-PS GREEN, which is derived from non-GMO sunflower oil and is 100% soy free.



Proudly Canadian



### **PHOSPHATIDYLSERINE**

## SUPPORTS COGNITIVE FUNCTION · SOY FREE · NON-GMO · 100 MG



Serving Size: 1 softgel Servings per Container: 60

**Each Softgel Contains:** 

(From 565 mg non-GMO sunflower lecithin complex)

Also contains naturally occurring phosphatidylcholine (PC), phosphatidylinositol (PI), and phosphatidylethanolamine (PE).

Non-medicinal Ingredients: Softgel (gelatin, glycerin, purified water), non-GMO sunflower oil.

Recommended Adult Dose: 1 softgel 3 times per day or as directed by a health care practitioner.

**Recommended Use:** Helps in supporting cognitive function.

Caution: Consult a health care practitioner prior to use if you are pregnant or breastfeeding. Keep out of reach of children.

**Drug Interactions:** As phosphatidylserine is believed to increase acetylcholine levels, conjunctive use with acetylcholinesterase inhibitors and cholinergic drugs may increase acetylcholine levels and may cause cholinergic adverse effects. In addition, conjunctive use with anticholinergic drugs may decrease the effectiveness of these agents.

Contains no artificial colours, preservatives, or sweeteners; no dairy, starch, sugar, wheat, gluten, yeast, soy, corn, egg, fish, shellfish, salt, tree nuts, or GMOs. Sealed for your protection. Do not use if seal is broken. For freshness, store in a cool, dry place.

References available at bioclinicnaturals.com



#### · GUARANTEED ·

Bioclinic Naturals® products are guaranteed to meet or exceed Good Manufacturing Practices (GMP) of the U.S. Food and Drug Administration (FDA), Health Canada, and the Therapeutic Goods Administration (TGA) of Australia.





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