



Lecithin Serine Application

Phosphatidyl Serine (PS) is known for its many important functional additives. It is used against Alzheimer's disease, helping to improve memory function in older adults, improving thinking skills in young people, aid in the treatment of ADHD in children, depression and improving athletic performance.



Phosphatidylserine (PS) is a phospholipid (more specifically a glycerophospholipid). It consists of two fatty acids attached in ester linkage to the first and second carbon of glycerol and serine attached by a phosphodiester linkage to the third carbon of the glycerol.

Traditionally, PS supplements were derived from bovine cortex (BC-PS). However, due to the risk of potential transfer of infectious diseases, Soya/Sunflower-derived PS (S-PS) supplements have been used as an alternative. Soya/Sunflower-derived PS is designated Generally Recognized As Safe by the FDA. A 2002 safety report determined supplementation in elder people at a dosage of 200 mg three times daily to be safe.

FUNCTION AND APPLICATIONS

PS and Memory

In May, 2003 the FDA gave "qualified health claim" status to PS stating it may reduce the risk of dementia and cognitive dysfunction in the elderly"

PS and Depression

Preliminary research indicates that phosphatidylserine holds promise in the treatment of depression.



PS and ADHD

Study results revealed that participants treated with the combination of phosphatidylserine and omega-3 fatty acids experienced a significantly greater reduction in hyperactive/impulsive behaviour and a greater improvement in mood (compared to those given the placebo).

- PS Boosts Athletic Performance

Phosphatidylserine has been shown to improve athletic performance and decrease muscle damage in multiple studies.

UNILEC RANGE

UNILEC PS20 SUN is light yellow powder with 20% PS content, it's derived from fractionated Sunflower Lecithin. Useful for Pharmaceutical, food formulations.

UNILEC PS50 SUN is light yellow powder with 50% PS content, it's derived from fractionated Sunflower Lecithin. Useful for Pharmaceutical, food formulations.

UNILEC PS20 is light yellow powder with 20% PS content, it's derived from fractionated Soya bean Lecithin. Useful for Pharmaceutical, food formulations.

UNILEC PS50 is light yellow powder with 50% PS content, it's derived from fractionated Soya bean Lecithin. Useful for Pharmaceutical, food formulations.

UNILECITHIN PRODUCTS

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|-----------------|------------------------------|
| Unilec PS20 SUN | Sunflower Phosphatidylserine |
| Unilec PS50 SUN | Sunflower Phosphatidylserine |
| Unilec PS50 | Soya Phosphatidylserine |
| Unilec PS50 | Soya Phosphatidylserine |

i For more information on Unilecithin's products please contact your local Barentz representative, or visit Unilecithin's website www.unilecithin.com

Sourced from the purest form

