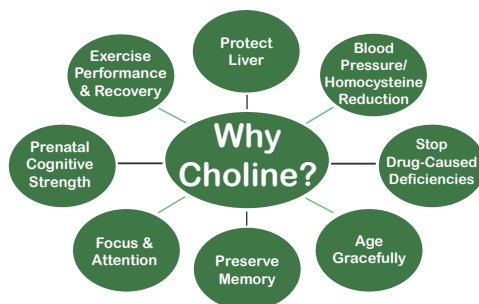


CHOLINE APPLICATION

Unilecithin's wide portfolio of lecithin ingredients all possessing a high nutritive value. Phosphatidyl choline (PC) is a natural product and used for pharmaceutical and nutraceutical applications. These versatile phospholipids are important precursors for a lot of biochemical functions.



Phosphatidyl choline (PC) is extracted from phospholipids of soya beans lecithin. The soya bean is grown in central and peninsular India. Where it has established itself as a major rainy season crop in the rain fed agro-ecosystem.



PC also is a main component of cell membranes and is critical for brain and liver function. Brain cell membranes are rich in two specific phospholipids:

Phosphatidylcholine (PC) and Phosphatidylserine (PS).

UNILECITHIN CHOLINE PRODUCTS

Unilec DPC30	Soya/Sunflower Phosphatidyl Choline
Unilec DPC40	Soya/Sunflower Phosphatidyl Choline
Unilec PC35	Soya/ Sunflower Phosphatidyl Choline
Unilec PC50	Soya/ Sunflower Phosphatidyl Choline
Unilec PC70	Soya/ Sunflower Phosphatidyl Choline
Unilec PC90	Soya/ Sunflower Phosphatidyl Choline

In digestion, PC is part of the bile complex that emulsifies fats to facilitate the absorption of fats and fat-soluble nutrients.

BENEFICIAL FUNCTIONS OF CHOLINE FOR THE BODY

Its Primary role is to provide structural framework for the membrane and maintain permeability barrier.

In Brain it is a precursor to Acetylcholine, and important neurotransmitter involved in cognition and motor co-ordination.

In Digestion PC is the part of Bile complex that emulsifies fats to facilitate absorption of fats and fat soluble nutrients.

In Liver it plays a crucial role in repair of the cells.

In weight control Study results support the hypothesis that choline could be used in conjunction with normal athletic training to lose weight rapidly.

COSMETIC APPLICATION

PC is used in skin care products, mainly to moisturize the skin. Although in general, PC plays a minor role in the cosmetic branch, and is mainly used in washing products like soap, cleanser, hair loss treatment and body wash. PC enhances the appearance of

dry or damaged skin by reducing cracks and restoring suppleness.



UNILEC RANGE

UNILEC DPC30/40/50/70/90 is pure Soya/Sunflower PC powder with high concentration of Phosphatidyl. Used throughout several industries in Pharmaceutical, Nutraceutical formulations.

UNILEC PC35 is pure Soya liquid with high concentration of Phosphatidyl Choline. Used throughout several industries in Pharmaceutical, Nutraceutical formulations.

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

