



## Phosal® 50 PG

- Phosal 50 PG is a standardized phosphatidylcholine concentrate with at least 50% PC and propylene glycol

- Enables easy manufacturing of formulations for topical applications especially in dermatology

- Drug Master File N° : FDA 13931 (USA)  
- Drug Master File N° : CDN 9860 (Canada)

*Composition :*

Lecithin in propylene glycol, sunflower mono-diglycerides, ascorbyl palmitate

*Applications :*

- Use as dispersant, co-emulsifier  
- penetration enhancer in transdermal delivery systems  
- bioavailability-enhancer in oral drug delivery

*Characteristics\*\* :*

- Properties	yellow, honey like liquid
- Identity	conforms to reference
- Iodine value	50 – 70
- Viscosity (25° C)	150 - 350 mPas
- Relative density	1.001 - 1.020
- Ethanol	1.5 - 2.5 % w/w
- Ethylmethylketone	max. 500 ppm
- Peroxide value	max. 10
- Water	0.5 % w/w
- Propylene glycol	33.8 - 41.2 % w/w

Phospholipids

- Phosphatidylcholine	min. 50.0 % w/w
- Lysophosphatidylcholine	max. 6 % w/w

Microbiological purity

- Total viable aerobic count	max. 100 germs/1 g
- Enterobacteria and certain other gram-negative bacteria incl. E. coli and Pseudomonas aeruginosa	absent in 1 g
- Staphylococcus aureus	absent in 1 g

\*\* Method descriptions are available on request :

Fax : ++49 221 98746 216

e-mail : [Info@Phospholipid.de](mailto:Info@Phospholipid.de)

*Packaging :* 25 kg PE-Mauser drums

*Storage :*

Tightly closed, protected from light, at temperature between 15°C and 25°C

It should be used immediately after opening of the package.