

FOR A HEALTHY LIVER



indena[®]
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HEALTH - FOOD

SILIPHOS[®]
SILYBIN PHYTOSOME

These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

**SILIPHOS**[®]

Please note that the physiological activity of the ingredient described herein is supported by the referenced clinical trial reports. Marketers of finished products containing the ingredient described herein are responsible for determining whether the claims made for such products are lawful and in compliance with the laws of the country in which they will market the products.

WHAT IS SILIPHOS®?

SILIPHOS® is a botanical derivative from *Silybum marianum* (L.) Gaertn.

Commonly referred to as milk thistle, the plant has been used for centuries to address liver health. **SILIPHOS®** is an Indena Phytosome ingredient in which silybin, one of the main bioactive constituents in milk thistle, is associated with phospholipids to significantly **optimize bioabsorption**.

SPECIFICATIONS

SILIPHOS® is standardized to contain:
≥29.7% to ≤36.3% of silybin by HPLC

RECOMMENDED USE AND DOSE

SILIPHOS® is a yellow-brown powder and may be utilized in a variety of supplement formulations.

Recommended dose:
starting from 80 mg/day

SCIENTIFIC EVIDENCE

SILIPHOS® is supported by numerous human trials. Indena has also performed toxicological and pharmacological tests confirming its safety and efficacy.

TRADEMARKS

SILIPHOS® is a trademark of Indena S.p.A. and its logo and usage guidelines are available from Indena.

References

¹ Morazzoni P. *et al.*, Eur. J. Drug Metabol. Pharmacokinet. 17, 39 (1992).

² Morazzoni P. *et al.*, Eur. J. Drug Metabol. Pharmacokinet. 18, 289 (1993).

³ Schandaliak R., *et al.*, Arzneim.-Forsch./Drug Res. 42 (III), 964-968 (1992).

⁴ Vallati A. *et al.*, Fitolterapia 64, 219 (1993).

⁵ Loquercio C. *et al.*, Dig Dis Sci., 52(9): 2387-95 (2007).

⁶ Trappoliere M. *et al.*, Minerva Gastroenterol. Dietol., 51(2): 193-9 (2005).

⁷ Federico A. *et al.*, Gut. 55(6): 901-902 (2006).

WHAT MAKES SILIPHOS® UNIQUE?

SILIPHOS® is a product specifically developed to tune silybin absorption and **maintain a healthy liver**:

- **SILIPHOS®** is a Phytosome formulation, with an optimized absorption of silybin, the active constituent in milk thistle

SILIPHOS® is **supported by extensive scientific data**:

- **Greatly optimizes bioavailability of silybin**, a compound otherwise characterized by poor absorption;^{1,2}
- Marked improvement over the simple extract, calculated by **biliary excretion also in humans**;³
- Maintains healthy liver function, protecting it from oxidative stress,⁴ and could be used as a **complementary approach to liver related challenges**;^{5,6}
- **Optimizes insulin resistance** and certain liver markers in plasma.⁷

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