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# LivCo®

Healthy Liver Function & General Detoxification Support<sup>\*</sup>

**LivCo**<sup>®</sup> contains Milk Thistle, Schisandra and Rosemary which are traditionally used in herbal preparations as/to:

- A general liver tonic to support healthy liver and gallbladder function
- Aid in the elimination of naturally occurring toxins
- Support healthy general detoxification
- Support healthy digestive function
- Help relieve abdominal bloating/distention and flatulence
- Provide antioxidant activity
- Support and maintain cellular health\*

**LivCo**<sup>®</sup> is a unique formulation containing Milk Thistle seed, Schisandra fruit and Rosemary leaf, with Milk Thistle providing the important flavanolignan plant constituent known as silybin. These herbs are not only used traditionally to support the many natural functions your liver performs every day; they also provide antioxidant activity against highly reactive substances\* (also known as intermediate metabolites) that are naturally formed during one of its classical functions: the detoxification process.\*

## The Liver – An Unsung Everyday Hero

The liver is an amazing, multi-tasking vital organ that is often underestimated. Not only is it the largest solid organ in the body (weighing about 1.8 kg in men and 1.3 kg in women), it literally performs hundreds of jobs simultaneously, many of which are essential to life. Amongst these, the liver is involved in:<sup>13</sup>

- Digestion it processes what we eat and drink into energy and nutrients, and works with the functions of the gall bladder.
- Detoxification it processes, neutralizes and eliminates foreign and naturally occurring substances, making them safer to excrete (this occurs in liver phase I and phase II).



#### Suggested Use:

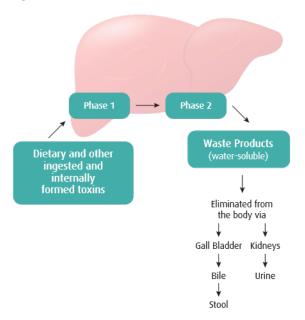
1 capsule 3-4 times daily, or as directed.

Supplement Facts		
Serving size:	1 Capsule	
Servings per container:	40,120	
	Amount per Serving	%DV
Schisandra fruit 6:1 extract from <i>Schisandra chinensis</i> fruit 1.0 g	167 mg	t
Rosemary leaf 7.5:1 extract from <i>Rosmorinus officinalis</i> leaf 500 mg	66.7 mg	t
Milk Thistle seed 70:1 extract from <i>Silybum marianum</i> seed 2.38 g Containing flavanolignans calc. as silybin 24 mg	34 mg	t
<sup>†</sup> Daily Value (DV) not established.		

Other Ingredients: Microcrystalline cellulose, hypromellose, dibasic calcium phosphate dihydrate, sodium starch glycolate, silicon dioxide and magnesium stearate.

**Caution:** Contraindicated in pregnancy. Contraindicated during lactation unless otherwise directed by a qualified health care professional. In anemia and cases where iron supplementation is required, do not take simultaneously with meals or iron supplements.

#### Figure 1: Phase I and II Liver Detoxification



### How LivCo<sup>®</sup> Supports Your Health:



#### Liver Tonic:

 Milk Thistle has been used traditionally for over 2000 years, principally as a liver tonic to promote overall healthy liver and gallbladder functions.<sup>4-6</sup> This includes the production of bile, which is an important fluid that aids in the absorption and digestion of dietary components, as well as normal liver detoxification processes.\*7.8



#### Digestive Support:

• Both Milk Thistle and Rosemary are used traditionally to help with general digestion, bloating and flatulence.\*4,6,9-11



#### Antioxidant Activity Support:

The three herbal ingredients contained in LivCo<sup>®</sup> provide valuable antioxidant activity support, which is essential in transforming highly reactive intermediate metabolites that enter the liver into safe waste products that can then be excreted from the body (see Figure 1). However, antioxidant activity also protects many of the body's cells, thereby providing an overall antioxidant activity effect.\*4,5,10,12-15

#### References

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- <sup>3</sup> Kalra A, Yetiskul E, Wehrle CJ, et al. *Physiology, Liver*. StatPearls Publishing; 2020 Jan-. Available from: https://www.ncbi.nlm.nih.gov/books/NBK535438/
- <sup>4</sup> Bradley P. *British Herbal Compendium*. British Herbal Medicine Association, Volume 2, Bournemouth, 2006.
- <sup>5</sup> Bone K, Mills S. *Principles and Practice of Phytotherapy*. 2nd Edition, Churchill Livingstone, Sydney, 2013.
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- <sup>9</sup> Duke, JA et al. Handbook of Medicinal Herbs. 2nd Edition, CRC Press, London, 2002.
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- <sup>12</sup> Braun L. Cohen M. Herbs & Natural Supplements An evidence-based guide. 4th ed. Volume 2. Sydney: Churchill Livingstone; 2015.
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- <sup>14</sup> Natural Medicines. *Rosemary. Professional Monograph.* Therapeutic Research Centre. 2019. Available from: https://naturalmedicines.therapeuticresearch.com/
- <sup>15</sup> Natural Medicines. Schisandra. Professional Monograph. Therapeutic Research Centre. 2019. Available from: https://naturalmedicines.therapeuticresearch.com/

## MediHerb Quality Choice

#### **Results-driven formulations**

MediHerb develops formulas focused on perfecting the balance of the highest quality ingredients to produce the highest quality herbal supplements. Our commitment to quality governs all aspects from sourcing ingredients to bottling to ensure the high standard of our herbal extracts.

#### Strict product testing

MediHerb has developed a strict quality assurance program that goes beyond industry standards. This is upheld with precision and dedication so you can be confident MediHerb products are free from adulterants and contamination, while containing the right levels of active phytochemicals that result in a quality end product.



Please consult the product packaging label for the most accurate product information.

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\*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.