



# UltraMag Magnesium

Introduced 2017



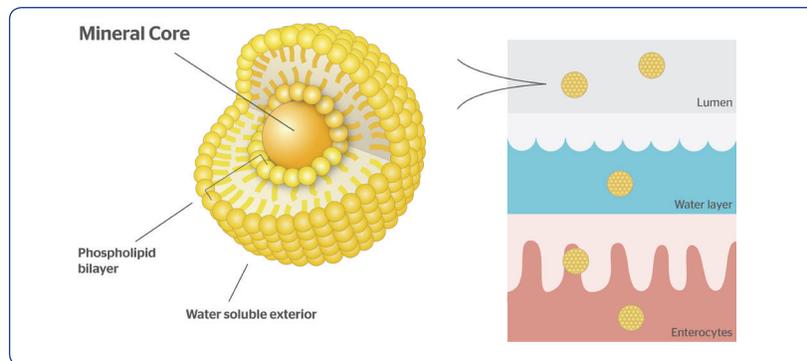
## What Is It?

UltraMag Magnesium utilizes an innovative microencapsulation technology to enhance the absorption of magnesium to promote musculoskeletal, cardiometabolic and emotional health. This technology creates a phospholipid bilayer around the mineral that is similar to a liposome, increasing solubility in the gastrointestinal fluids and facilitating absorption across membranes. In a comparative crossover study, magnesium in the Sucrosomial® matrix was compared to other forms of magnesium in human subjects. Twenty-four-hour blood and urinary magnesium measurements indicated superior absorption of Sucrosomial® magnesium compared to magnesium citrate, glycinate, and oxide.‡

## Special Features

- Exclusive first to market among professional brands
- Enhanced absorption and bioavailability
- Phospholipid bilayer microencapsulation technology protects mineral in gastrointestinal lumen, increases dissolvability, and easily crosses membranes
- Clinically studied

Liposome-like microencapsulation enhances absorption and allows the mineral to pass undamaged through the gastrointestinal environment.



UltraMag Magnesium utilizes an innovative microencapsulation technology to enhance the absorption and bioavailability of minerals. This technology creates a phospholipid bilayer around the mineral similar to a liposome, increasing solubility and absorption. Stabilization is enhanced between the water (aqueous phase) and oil (fatty phase) with sucrose esters, which form a bilayer around the mineral core. Tricalcium phosphate helps maintain the molecular bonds in this structure. The bilayer has an outer membrane that is comparable in structure and properties to cell membranes, which allows for ease of transport into cellular membranes and improved absorption. By sequestering the minerals away from the mucous membranes, this form also prevents the minerals from premature degradation and supports tolerability.

(continued)

‡These statements have not been evaluated by the Food and Drug Administration. These products are not intended to diagnose, treat, cure, or prevent any disease. 800-753-2277 | [PureEncapsulations.com](http://PureEncapsulations.com)

The information contained herein is for informational purposes only and does not establish a doctor-patient relationship. Please be sure to consult your physician before taking this or any other product. Consult your physician for any health problems.

## Uses For UltraMag Magnesium

**Nutrient Utilization:** Magnesium activates the enzymes necessary for a number of physiological functions, including the metabolism of macronutrients, energy production and the utilization of most vitamins and minerals.‡

**Musculoskeletal Health:** Magnesium is an essential bone matrix mineral. In a cross-sectional study involving 2,038 individuals, higher magnesium intake was positively associated with healthy bone mineralization in certain subgroups. Magnesium also plays an important role in muscle relaxation.‡

**Cardiometabolic Support:** Magnesium provides broad-spectrum cardiovascular support, including arterial function, endothelial function, C-reactive protein metabolism and lipid metabolism. A meta-analysis of 20 randomized trials suggests that it also promotes healthy systolic and diastolic function. In addition, magnesium supports healthy glucose metabolism. In one 15-year study involving 4,637 young adults, higher intakes of magnesium were associated with healthy cardiovascular function and glucose utilization. In another cross-sectional study involving 210 elderly individuals, optimal magnesium intake was associated with positive mood, lipid metabolism, and lean body mass. Magnesium also plays important roles in mood and calming as well as cranial vessel comfort.‡

## What Is The Source?

Magnesium is derived from elemental ore. Rice starch and rice flour are derived from *Oryza sativa* seed. Hypoallergenic plant fiber is derived from pine cellulose. Lecithin is derived from sunflower.

## Recommendations

Pure Encapsulations® recommends 1 capsule daily, with or between meals.

## Are There Any Potential Side Effects Or Precautions?

If pregnant or lactating, consult your physician before taking this product. At high dosages, magnesium can cause loose stools. Consult your physician for more information.

## Are There Any Potential Drug Interactions?

Magnesium should be taken separately from bisphosphonate medications. Caution should be taken with concurrent use of potassium-sparing diuretics. It may also be contraindicated with certain antibiotics. Consult your physician for more information.

## UltraMag Magnesium

<p>1 capsule contains    v 00</p> <p>magnesium (as Sucrosomial® magnesium) .....225 mg</p> <p>other ingredients: pregelatinized rice starch, sucrose esters of fatty acids, vegetarian capsule (cellulose, water), hypoallergenic plant fiber (cellulose), sunflower lecithin, tricalcium phosphate, rice flour</p> <p>1 capsule daily, with or between meals.</p>
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Sucrosomial® is a registered trademark of Alesco S.r.l.