

# GLUCOSAMINE SULFATE

- **A dietary supplement to support connective tissue and joint functions.\***

- **Recommended to support those recovering from:**

- Tissue injuries\*
- Joint dysfunction\*
- Digestive or food sensitivities\*
- Respiratory conditions\*
- Recovery after operations\*
- Skin problems\*

Glucosamine Sulfate is a great way to supplement your glucosamine intake.\* It can support joint health, connective tissue health, G.I. tract function and skin health.\*

Glucosamine supplementation can also help support the thick gelatinous nature of the joint fluids as well as proper functioning of joints, spinal discs and other connective tissues.\* Glucosamines are produced in the body and are natural building blocks of the connective tissues.\* They help strengthen and hold together ligaments, tendons, heart valves, nails, bones and cartilage.\* They also form GAGs in the joint fluid, such as Hyaluronic Acid to give greater elasticity, shock resistance and lubricating power.\*

- **Joint and Connective Tissue Support**

Glucosamine is an amino sugar normally formed in the body from glucose. It is the starting point for the synthesis of GAGs, the core of the connective tissue like cell membrane lining, collagen, bone matrix, mucous membranes and transport molecules for vitamins, lipids and minerals. It is the building block of hyaluronic acid, which is a major cushioning ingredient in joint fluid and surrounding tissues.\* Glucosamine supports the thick, gelatinous nature of the fluids and tissues in and around the joints and in between vertebrae.\*

- **G.I. Tract & Respiratory Support**

The gastrointestinal tract is covered by a thick mucous membrane whose outermost layer (glycocalyx) is very thick due to its high content of N-Acetyl Glucosamine. This layer's function is to protect the intestines from stomach acids, enzymes and bacteria and it also controls the passage of molecules in and out of the gut. Studies show that the mucosal layer of the GI tract in people with digestive tract complaints has a much higher turnover rate than normal. High turnover rates require increased amounts of glucosamine, in particular N-Acetyl Glucosamine. Glucosamine helps support and repair the protective coat of the intestinal wall and supports the protective mucus membrane lining the respiratory tract.\*

- **Skin Support**

The skin is a tissue whose cells are constantly being shed and replaced. When the skin is under attack from conditions such as psoriasis or acne, the damaged skin tissue needs to be replaced and replenished even faster than normal and the body's natural supply of glucosamine may not keep up with these demands. Supplementing with glucosamine helps to increase the body's capacity to counter the effects of skin disorders.\*

- **Safety**

Glucosamine is safe for diabetics, in human studies performed at normal dosage levels (Soline A. et. al 1997 – Diabetes Care) showed no abnormalities.\*

**Suggested Use:** As a dietary supplement, take 1 capsule, 3 times daily with meals, or as directed by your healthcare practitioner.

## Supplement Facts

Serving Size 1 Capsule  
Servings Per Container 60 or 120

Amount Per Serving	% Daily Value
Sodium 115 mg	5%
Glucosamine Sulfate Sodium (from Shrimp & Crab) 500 mg	*

\* Daily Value not established.

Other ingredients: hypromellose (capsule), microcrystalline cellulose, silica, vegetarian leucine.

**Contains: Shrimp and crab.**

**Warning:** If pregnant or nursing, consult your healthcare practitioner before taking this product.

GLUTEN FREE

\*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.

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