Doctor's BEST® Science-Based Nutrition

Synergistic Glucosamine MSM Formula

Synergistic Glucosamine w/MSM Formula

180 Capsules

As a dietary supplement, each capsule contains:
Glucosamine sulfate KCl (sodium-free) . . .250 mg
LIGNISUL™ MSM . . . . . .500 mg
Chloride (from glucosamine sulfate KCl) . . . .28 mg
Potassium (from glucosamine sulfate KCl) ....31 mg
Vitamin C (ascorbic acid, corn-free) .....50 mg

Excipients: cellulose, magnesium stearate (vegetable source).

Suggested Adult Use: Take six capsules daily, with or without food.

Ingredients

Synergistic Glucosamine/MSM Formula contains pure sodium-free, potassium-stabilized glucosamine sulfate, as confirmed by HPLC testing.

Note: Glucosamine sulfate is derived from the shells of ocean-growing shellfish. It is processed to remove all residues of protein and impurities, yielding pure glucosamine sulfate as the final material.

Synergistic Glucosamine/MSM Formula contains pure LIGNISUL™ MSM (methylsulfonylmethane). LIGNISUL™ MSM is natural-source MSM derived from trees. A biological compound that occurs in the human body and in some foods, MSM is an excellent dietary source of bioavailable organic sulfur.

Synergistic Glucosamine/MSM Formula contains pure corn-free ascorbic acid.

Benefits

Glucosamine Sulfate, MSM and Vitamin C For Joint Health

• Glucosamine sulfate supports joint function by supplying the body with dietary ingredients (glucosamine and sulfur) for building joint cartilage.* Glucosamine, an amino sugar normally manufactured in cartilage, stimulates the production of cartilage components known as "glycosaminoglycans."[1] These substances are essential to the maintenance of sound joint structure, which in turn allows for normal joint function.

• Sulfur is a structural mineral that maintains the strength of various tissues by forming sulfur "tie-bars" (sulfhydryl bonds) between connective tissue proteins. MSM supplies the body with nature's original source of organic bioavailable sulfur.

• Vitamin C is essential for the formation of collagen, the protein fiber that gives cartilage its structural strength.*

Why Is Potassium-Stabilized Glucosamine Sulfate Preferable?

In order for glucosamine sulfate to be processed for oral intake as a supplement, it must be stabilized with either sodium or potassium. Either mineral works for this purpose. Potassium is preferable. Many people are on sodium-restricted diets, and the Standard American Diet tends to be high in sodium and low in potassium. What's more, studies have found people needing joint support to be low in both, salivary potassium and total body potassium.[2,3,4]

Glucosamine Sulfate– A Solid Foundation Of Clinical Evidence

Glucosamine sulfate has been thoroughly researched over the last twenty years. Double-blind and open clinical trials convincingly demonstrate that oral glucosamine sulfate improves joint function.[5,6]

In one large open trial, over 1200 people took oral glucosamine sulfate for periods ranging from 36 to 64 days. 252 physicians participated in this multicenter study. 95% of the subjects experienced greater joint comfort and increased mobility. The physicians reported "good" results in 59%, and "sufficient" results in 36%. The improvements lasted for up to three months after the glucosamine sulfate was discontinued.[6]

Why The Human Body Needs MSM

The human body requires a continuous supply of bioavailable sulfur, and MSM is one of the primary organic sulfur-containing molecules for use by living organisms. MSM occurs normally in tissues and body fluids. Scientists who have studied MSM in detail believe MSM is an absolute requirement for maintenance of healthy tissues and organ functions.[7,8]

The research on MSM has led to the filing of several patents which cover numerous uses of MSM as a dietary ingredient for both humans and animals.[7] Through these studies, it has been found that physical and psychological stress increases in the body when its MSM supply falls below minimum levels, resulting in a loss of normal organ function.[7,8]



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MSM supports joint and organ function by donating sulfur for formation of sulfur tie-bars that maintain the integrity of cartilage and other tissues.*

Based on clinical observations, MSM benefits the body in many ways which include maintenance of healthy skin, hair, and nails, digestive system support, and immune support.* MSM is as non-toxic to the body as water, and is therefore completely safe, even at high dosage levels.[7]

Supplementation Is Needed To Realize The Benefits Of MSM

Widespread in nature, MSM is found in a variety of foods, including fresh fruits and vegetables, raw milk, raw meat and raw fish.[7,8] However, MSM is a volatile substance easily lost during cooking, pasteurization, food processing and storage. The average American diet thus supplies at best a marginal MSM intake, which may be inadequate to maintain the optimum MSM concentration in the body. The body's MSM concentration is also believed to decline with increasing age.[8]

*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.

Scientific References

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Synergistic Glucosamine/MSM Formula supplies only sodium-free, potassium stabilized glucosamine sulfate. **Lignisul™ MSM** is pure MSM (methyl sulfonyl-methane), a naturally occurring source of organic dietary sulfur that is readily absorbed and utilized by the body to meet its sulfur needs.

Glucosamine Sulfate supports normal, healthy joint function and helps maintain healthy cartilage in joints.* MSM supports organ and joint function by donating sulfur for maintenance of healthy connective tissue.* Vitamin C is essential for production of collagen, a protein that gives strength to cartilage.*

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Doctor's BEST®

Science-Based Nutrition™

Dietary Supplement

SODIUM FREE

Synergistic Glucosamine MSM Formula

MAINTAINS HEALTHY JOINTS & CONNECTIVE TISSUE*

180 Capsules

Supplement Facts

Serving Size 2 capsules
Servings per container 90 servings

	Amount per serving	% Daily Value*
Vitamin C (ascorbic acid)	100 mg	167%
Potassium (from glucosamine sulfate KCl)	61 mg	2%
Chloride (from glucosamine sulfate KCl)	56 mg	2%
Glucosamine sulfate KCl Supplying sulfur 80 mg	500 mg	†
MSM (LIGNISUL MSM) Supplying sulfur 340mg	1 gram (1000 mg)	†

* Percent Daily Value is based on a 2000 calorie diet.
† Daily Value not established.

Other ingredients: cellulose, magnesium stearate (vegetable source), gelatin capsule.

Suggested Use: As a dietary supplement, take 2 capsules three times daily, with or without food.

Note: Glucosamine is obtained from the shells of shellfish.

CONTAINS NOTHING OTHER THAN LISTED INGREDIENTS.

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