

# Joint Health Support

With Glucosamine & MSM



## DESCRIPTION

Supporting a healthy balance between the processes of cartilage synthesis and degradation is crucial for proper functioning of the joints. Joint Health Support provides key nutraceuticals to help support a healthy inflammatory response, facilitate cartilage synthesis and provide antioxidant support.

## FUNCTIONS

Articular cartilage is the smooth, white tissue that covers the ends of bones where they come together to form joints. Healthy cartilage makes it easier to move by allowing the bones to glide over each other with very little friction. Cartilage is slow to regenerate and despite its toughness, normal wear and tear and inflammation can outpace repair, leading to pain and limited range of motion. Proper nutrition can, however support healthy joint function and several nutrients have been studied for their efficacy. These are included in this Joint Health Support formula. To help support the structural integrity of joint cartilage, glucosamine and chondroitin offer significant benefits. Glucosamine and chondroitin sulfate are both integral components of healthy joint tissue and are the forms that have been used in the major clinical trials. Glucosamine sulfate helps support the production, and limit the breakdown of proteoglycans, a class of compounds that make up the cartilage matrix of joint tissue. Chondroitin sulfate has been shown to support the structural matrix of joints as well as the production of hyaluronic acid (major component of synovial fluid which keeps joints “lubricated” and moving freely).

Chondroitin sulfate may also help limit chondrocytes from producing enzymes and other compounds that stimulate the breakdown of the cartilage matrix of joint tissue. OptiMSM® is the purest and most bioavailable MSM on the market. MSM is a source of the mineral sulfur which plays a significant role in formation and retention of healthy cartilage and other types of connective tissue. MSM may also help support a normal, healthy inflammatory response. Standardized boswellia can effectively inhibit pathways involved in the inflammatory process and support healthy joint function. Herbal preparations of turmeric, quercetin, grape seed extract and ginger contain powerful antioxidants that reduce free radicals that are found in inflamed joints and contribute to cartilage degradation. Other nutrients like vitamin C, manganese and L-proline facilitate cartilage synthesis.

## INDICATIONS

Joint Health Support may be a useful dietary supplement for those who wish to support healthy joint function by providing key nutrients to support cartilage synthesis.

## FORMULA (WW #10091)

### Three Tablets Contain:

Vitamin C (as ascorbic acid).....	100 mg
Niacin (as niacinamide) .....	25 mg
Pantothenic Acid (as d-cal pantothenate).....	25 mg
Manganese (amino acid chelate).....	10 mg
Glucosamine Sulfate .....	1,000 mg
(from 1,333 mg of glucosamine sulfate potassium chloride)	
Chondroitin Sulfate Complex .....	100 mg
(Standardized to 90% [90 mg] chondroitin sulfate)	
Boswellia serrata extract .....	100 mg
(Standardized to 40% [40 mg] boswellic acids)	
MSM (methylsulfonylmethane).....	100 mg
Turmeric root extract .....	50 mg
(Curcuma longa standardized to 95% [47.5 mg] curcumin)	
Bromelain.....	25 mg
(Standardized to 1800 GDUs/g)	
Grape Seed Extract ( <i>Vitis vinifera</i> ) .....	10 mg
Quercetin.....	10 mg
Ginger root powder ( <i>Zingiber officinale</i> ).....	50 mg
L-Proline .....	50 mg
Other Ingredients: dicalcium phosphate, cellulose, vegetable stearin, modified cellulose, cellulose gum, magnesium stearate, and silica. Contains shellfish and soy.	

This product contains NO sugar, dairy, yeast, wheat, gluten, corn, preservatives, artificial colors or flavors.

## SUGGESTED USE

Adults take 3 tablets with meals or as directed by a healthcare professional.

## SIDE EFFECTS

Warning: This product contains an ingredient naturally derived from crab shell (shell fish).

## STORAGE

Store in a cool, dry place, away from direct light. Keep out of reach of children.

## REFERENCES

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Manufactured For:

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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.