

Joint·Matrix Liquid

A comprehensive blend of 11 evidence-based nutrients to support joint health, delivered in a liquid format.

Each tablespoon (15ml) contains:

Hydrolyzed collagen (bovine)	1800mg
Glucosamine sulfate	1500mg
Methylsulfonylmethane (MSM)	750mg
Ginger extract (rhizome, zingiber officinale) 8:1	100mg
Ashwagandha extract (whole plant) 5:1	200mg
Devil's claw extract (root tuber, harpagophytum procumbens) 4:1	500mg
uC3 Clear™ (curcumin, curcuma longa)*	50mg
Boswellia extract (resin, boswellia serrata) 10:1	100mg
Hyaluronic acid (sodium hyaluronate)	50mg
Zinc (TRAACS® Zinc Bis-glycinate Chelate)**	15mg
Vitamin C (ascorbic acid)	30mg

450ml bottle

Gluten, soy and dairy free.



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*uC3 Clear™ is a registered trademark of Sabinsa Corp.



Osteoarthritis (OA) is the most common form of joint pain as we age. With a progressive erosion of joint cartilage and resultant inflammation, OA sufferers experience pain, less range of motion and increased stiffness, which can severely impact their quality of life.

There are many natural agents that can be used to improve outcomes with OA patients, but few have more research and years of clinical support than **glucosamine, chondroitin, hyaluronic acid and methylsulfonylmethane (MSM)**. These agents are components of cartilage and synovial fluid, helping to provide shock absorption to the joint and decrease friction with movement. For example, glucosamine is produced naturally by chondrocytes and is necessary to make glycosaminoglycans, a core component of cartilage. Hyaluronic acid is a central component of synovial fluid. Glucosamine sulfate, in particular, has been shown to

Key points

- Provides one of the most comprehensive blends of well-researched nutrients to decrease symptoms of osteoarthritis, protect joints from further damage and reduce the need for prescription or over-the-counter pain medications
- Contains a blend of glucosamine sulfate, chondroitin sulphate, hyaluronic acid, methylsulfonylmethane (MSM) and hydrolyzed collagen to collectively improve articular cartilage and synovial fluid production in the joints
- Boswellia serrata, zingiber officinale, harpagophytum procumbens and withania

somnifera are all delivered as highly potent extracts to yield therapeutic amounts of active ingredients and offer powerful anti-inflammatory actions

- Curcumin is provided as the highly standardized and well-researched uC3 Clear Complex, providing minimum 95% curcuminoid content
- Added vitamin C to support the healthy production of collagen and zinc is provided in the full glycinate chelate form (patented TRAACS delivery) for optimal absorption
- Liquid delivery and natural green apple flavour allow for greater patient compliance



CYTO·MATRIX™
The Science of Wellbeing

stimulate the anabolic process of cartilage metabolism and improve clinical outcomes more efficiently than glucosamine HCl.

Hydrolyzed collagen is clinically researched to support joint health. Studies show that collagen peptides provide the building blocks needed to make joint cartilage and they upregulate chondrocyte activity, increase hyaluronic acid production and improve microcirculation. Clinical trials have found that collagen peptides can improve activity-related knee pain in healthy athletes and also knee and hip pain during rest and activity in middle-aged individuals. **Vitamin C** may augment these benefits as it is a necessary cofactor in the collagen production process.

Natural anti-inflammatory herbs such as **curcuma longa**, **boswellia serrata**, **zingiber officinale**, **harpagophytum procumbens** and **withania somnifera** also play a role in the management of OA. Multiple human clinical trials have confirmed that these herbs have pain-reducing properties and that they can benefit individuals with OA.

Curcuma longa contains active ingredients known as **curcuminoids**, which have been shown to inhibit NF-Kappa B and TNF-alpha under chronic inflammatory conditions. Research trials have shown that **curcuminoids** can decrease the need for pain-killing medications such as acetaminophen and non-steroidal anti-inflammatory drugs (NSAIDs) in OA sufferers. They can also decrease post-exercise muscle soreness. In addition to its anti-inflammatory action on NF-Kappa B and TNF-alpha, **curcuminoids** have been found to inhibit matrix metalloproteinase-3, an enzyme known to degrade cartilage. This means that it is both improving symptoms and protecting the joints from further damage. **Joint-Matrix Liquid** specifically uses a patented blend of curcuminoids that is standardized to minimum 95% curcuminoid content of curcumin, BDMC and DMC. This patented curcuminoid blend, known as uC3 Clear Complex, has more than 80 research papers and more than 45 clinical studies to support its efficacy and safety.

Boswellia's clinical benefits for OA stem from its boswellic acid content and its ability to inhibit matrix metalloproteinase-3 and 5-lipoxygenase (5-LOX). Standardized boswellia extracts can decrease pain, reduce swelling and increase range of motion. One trial found that boswellia was as effective as the NSAID medication valdecoxib for the relief of OA symptoms.

Cyto-Matrix's **Joint-Matrix Liquid** contains a blend of 11 evidence-based nutrients and herbs to decrease symptoms in OA sufferers, protect the joint from further damage and decrease the need for anti-inflammatory pharmaceutical medications.

Joint-Matrix Liquid manages to provide evidence-based doses and standardized extracts all in just a dose of one tablespoon per day, allowing for superior clinical outcomes and high compliance in your patients. Simply put, it is rare to find such a comprehensive blend of well-researched nutrients for joint health in a single natural health product.

Related products

Complete Collagen Peptides
Joint Collagen Peptides
Curcumatrix
Cyto-Curcumin Liquid
Inflamatrix
Peak-EPA
Omega-D3 Liquid Forte
OA-Matrix

Non-Medicinal Ingredients: Purified water, sorbitol, glycerin, xylitol, natural green apple flavour, DL-malic acid, potassium sorbate, xanthan gum, monk fruit extract, citrus extract, povidone K-30, licorice root extract.

Indications: A factor in maintaining healthy cartilage and/or joint health. Helps to reduce joint pain associated with osteoarthritis.

Directions: Adults - Take 1 tablespoon (15ml) per day or as directed by a healthcare professional. **Shake before use. Refrigerate after opening.**

Duration of Use: Use for a minimum of 1 month to see beneficial effects.

Warnings: Do not use if safety seal is broken. Consult a healthcare professional on the use of this product, especially if symptoms persist or worsen; and prior to use if you are pregnant, breastfeeding, or taking medications including antiplatelet medication or blood thinners, or have a medical condition including gallstones, bile duct obstruction, allergies to shellfish, stomach ulcers, or excess stomach acid. Consumption with alcohol, other drugs or natural health products with sedative properties is not recommended.

Known Adverse Reactions: Hypersensitivity (e.g. allergy) has been known to occur and some people may experience mild gastrointestinal disturbances such as diarrhoea, abdominal pain, heartburn, nausea, and vomiting; in which case, discontinue use.