

Joint Formula



Supports Healthy Joint Function



Natural Anti-Inflammation and Pain Reduction



Pharmaceutical Grade



Like us, our pets are susceptible to painful and debilitating joint and bone disorders. Osteoarthritis, rheumatoid arthritis and hip dysplasia are examples of common conditions that can cripple an active pet.

Based on very successful formulas for human and equestrian use, **Joint Formula** is a powerful synergistic blend of ingredients designed to provide pets with short-term relief from pain and long-term treatment for the cause of this pain. At the same time, **Joint Formula** provides nutrients essential to the repair and regeneration of bone and connective tissue. **Joint Formula** has been tested in field trials in Mexico, Belgium, Holland and Germany with excellent results.

Included in **Joint Formula** are several different forms of glucosamine and chondroitin, both of which have been shown to help support and maintain the function of connective tissues. Glucosamine is vital to the synthesis of collagen, prostaglandins and hyaluronan. Furthermore, it provides the building blocks and the regulatory stimulus for the production of glycosaminoglycans (GAGs). Studies indicated that glucosamine is transported into the intestinal cells from the gastrointestinal tract and is well absorbed when taken orally. Chondroitin sulfate provides one of the key ingredients in maintaining healthy cartilage in joints.^{1,2}

In addition, **Joint Formula** contains several other natural ingredients that work to improve joint repair and rebuilding. These ingredients improve the absorption and effectiveness of the glucosamine and chondroitin, provide several building blocks and growth factors for connective tissue repair, stimulate the proliferation and activity of the cells responsible for rebuilding and repair, act as vasodilators to improve the flow of blood and nutrients to the damaged tissue and combat the inflammation associated with tissue damage. These ingredients include microcrystalline hydroxyapatite, which has been shown to enhance absorption of bone and increase bone density; SynerMune™ colostrum, which promotes intestinal health and increases the surface area for absorption thereby facilitating nutrient uptake; shark cartilage, which has been shown to contain analgesic and anti-inflammatory properties; and sea cucumber, which is beneficial for musculoskeletal inflammatory diseases.³⁻⁴

Joint Formula is further enriched by an herbal blend that offers a synergistic combination of anti-inflammatories, vaso-dilators and pain relievers, along with a selection of key minerals and enzymes. These ingredients combine to make **Joint Formula** a very effective natural product for the repair and regeneration of joints.

1. Altern Med Rev 3:27-39. (1998).
2. Ann Pharmacother 32:580-587. (1998)
3. Am J Clin Nutr 36:426-430. (1982)
4. Biol Pharm Bull 20:1151-1154. (1997)

ABOUT THE MANUFACTURER

Direct NutriSciences holds a government-issued Natural Health Product Site Licence that exceeds conventional cGMP standards. Product safety is always the highest priority at Direct NutriSciences. All products have been produced in a positively pressured, hepa-filtered environment, which eliminates the threat of any contamination. Direct NutriSciences has developed a reputation of being the leading expert in Formulation and Flavouring in Canada.

Not to be administered with any other nutraceutical or medication.

Dosage: Animals up to 25 lbs (11.5 kg)	1 capsule per day
Animals up to 50 lbs (23 kg)	2 capsules per day
Animals up to 75 lbs (34.5 kg)	3 capsules per day
Animals over 75 lbs (34.5 kg)	4 capsules per day

In all cases, capsules should be taken with food.

Ingredients: Microcrystalline Hydroxyapatite Complex, Glucosamine HCl, N-acetyl Glucosamine, Sea Cucumber, Glucosamine Sulphate, Shark Cartilage, Chondroitin Sulphate, Montmorillonite, Green Papaya, Ascorbyl Palmitate, Valerian Root, White Willow Extract (4:1), Amylase (46 DU), Manganese Chelate, Devil's Claw, Yucca, Quercetin, Boswellin, Bromelain (2000gdu/g), Zinc Chelate, Magnesium Chelate, Kelp, Copper Chelate, Curcumin, Charcoal, Cayenne, Dextrose, Pyridoxine, Cholecalciferol, Folic Acid.