

100.00 mm

For the use only of a Registered Veterinary Practitioner or a Hospital or a Laboratory or a Farm.

Glucosamine Hydrochloride, Sodium Chondroitin Sulphate, Manganese & Ascorbic Acid Oral Powder

MaxiKO™ Powder



- Low Molecular Weight = Better Bioavailability = Better Absorption
- Joint Health Maximiser • Steroid Free

COMPOSITION:

Each 3.3 gram contains:

Glucosamine Hydrochloride USP.....	1800 mg
Sodium Chondroitin Sulphate USP.....	600 mg
Manganese (As Manganese Sulphate BP).....	16 mg
Ascorbic Acid (As Calcium Ascorbate BP).....	104 mg
Excipients.....	q.s.

DESCRIPTION:

MAXIKO Powder is an oral supplement that contains the following active ingredients: Glucosamine HCl, Sodium Chondroitin Sulphate, Manganese and Ascorbic acid.

INDICATIONS:

- To maintain the structure of Cartilage.
- For support and maintaining Joint's Health.
- As a part of treatment and prevention of osteoarthritis.

DOSAGE AND ADMINISTRATION:

Horses: The following chart should be used for guidance for use in horses.

Horse body weight	Initial 2-4 weeks	Long term Administration
Under 275 kg	2 scoop twice daily	1 scoop daily
275-550 kg	3 scoop twice daily	1-2 scoop daily
Over 550 kg	4 scoop twice daily	2 scoop daily

Can be sprinkled on the animal's food. Wet or moist food is preferred so as to ensure that the Horse receives the entire amount. Or as directed by the Veterinarian.

Administration: Oral

PHARMACODYNAMIC PROPERTIES:

Pharmacotherapeutic group: Anti-inflammatory And Antirheumatic Products

ATC vet Code: M01AX05

PHARMACODYNAMICS:

Glucosamine hydrochloride and Chondroitin Sulphate are precursor molecule of cartilage and component of cartilage. Glucosamine appears to result in an increased production of intracellular UDPN - acetyl glucosamine, which is required for the formation of

glucosaminoglycans, such as hyaluronan (HA) found in cartilage. The addition of glucosamine may, therefore, provide 'building blocks' for extracellular matrix molecules. There is evidence of anti-inflammatory and matrix-enhancing effects. Augmenting cartilage's ability to repair.

The mechanism of action of chondroitin sulphate, like glucosamine, is not well characterized and there is a lack of clinical equine trials regarding its use. Indications of its effects include Inhibition of proteases, stimulation of glucosaminoglycan and collagen synthesis, increasing HA concentration and improving synovial viscosity. The combination of glucosamine and chondroitin sulphate is thought to be synergistic manganese and ascorbate is administered as cofactors for the synthesis of proteoglycans and collagen.

PHARMACOKINETICS:

It is suggested that due to the large molecular weight of chondroitin sulphate, the absorption across the gastrointestinal wall is low. Chondroitin sulphate bioavailability in the horse ranges from 22 to 32%; glucosamine bioavailability is approximately 2%.

WARNING & PRECAUTION:

Do not feed to cattles or other ruminants.

CONTRAINDICATIONS:

None.

PREGNANCY AND LACTATION:

Use only according to the benefit/risk assessment by the responsible veterinarian.

DRUG INTERACTIONS:

None.

ADVERSE EFFECTS:

None.

OVERDOSAGE:

None.

STORAGE:

Store sealed below 25°C in a dry place.

PRESENTATION:

HDPE jar of 500 gm is packed along with a Spoon and Pack Insert.

**FOR VETERINARY USE ONLY.
FOR ANIMAL TREATMENT ONLY.
NOT FOR HUMAN USE.**

KEEP OUT OF REACH OF CHILDREN & PETS, AWAY FROM FOOD.

Carefully read the accompanying instructions before use.

Manufactured by:

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TM: Trademark of Veko Care



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