



# ARTITEC

FOR JOINTS AND TENDONS THAT PERFORM

## 1. RECOMMENDED USE

**Cavalor® ArtiTec delivers everything our equine 'athletes' deserve during periods of intense activity and stress.**

Cavalor® ArtiTec is the result of 7 years scientific research (ism UGent) into the best nutritional support for tendon and joint health in top sport horses. The resulting specific ingredient combination and ratio not only supports healthy tendons and joints, it also provides excellent protection from damage associated with overload. Cavalor® ArtiTec is formulated in such a way that the herbs have a synergetic effect and thus eliminate negative processes in the musculoskeletal system before they can cause damage. During a pilot study<sup>1</sup> Cavalor® ArtiTec was successfully absorbed in 97 % of the horses and 74 % of the horses showed visible signs of improved movement.

## 2. PRODUCT PROPERTIES – KEY INGREDIENTS

**Methylsulfonylmethaan (MSM):** is an organosulphur compound. Sulphur is important for the muscles, joints, cartilage, bones and blood; MSM is the most easily absorbable and biologically available source of sulphur.

**Glucosamine, chondroitin sulphate and hyaluronic acid:** Glycosaminoglycans are vital building blocks for ligaments, tendons, bones and synovia (synovial fluid). The chondroitin sulphate we use has a low molecular weight, which means that it is easily absorbed into the horse's body. Similar to other raw materials, quality is also a benchmark for price and effectiveness in this case. Cavalor® selects raw materials with the highest active ingredient content. For example, the chondroitin sulphate contains 90 % active ingredients.

**L-Glutamine:** is a building block for glutathione, an antioxidant. Glutathione is important in the recovery process following an injury.



### It's all in the mix - a complex mixture of botanical ingredients

Specialist mixture of herbs including Ananasus comosus, Curcuma longa, Boswellia serrata, Ribes nigrum and Tanacetum parthenium. The ingredients in this mixture have a cumulative and synergetic effect, which has been scientifically proven in our research programme 2,3,4,5.

The combination of herbs ensures, for example, that all ingredients easily reach the joint.

Again we focus specifically on the quality of the raw materials, which really makes a difference with herbs in terms of their guaranteed concentration and efficacy.

For example, the form of Curcuma we use contains 95 % curcuminoids, the active substance.

<sup>1</sup> Selection of dedicated equine veterinarians, Belgium (2017). Preliminary multi-practitioners field study with Cavalor® ArtiTec on horses with mild foot lameness.

<sup>2</sup> University of Prince Edward Island, Canada (2011). Effect of herbal extract and certain ingredients on monocytes production tumor necrosis factor (TNF) in an in vitro model.

<sup>3</sup> University of Prince Edward Island, Canada (2013). Screening the efficacy of various multiherbal formulations for the additive effects in an in vivo joint inflammation model.

<sup>4</sup> University of Prince Edward Island, Canada (2013). Evaluation of 7 different ingredient combinations - raw materials and multiherbal formulations - in an in vitro joint inflammation model.

<sup>5</sup> Van de Water et al. (2017). The preventative effects of two nutraceuticals on experimentally induced acute synovitis. Equine Veterinary Journal 49 (4), 532-538

# JOINTS AND TENDONS

MSM → 38.100 mg/kg	HYALURONIC ACID → 1.000 mg/kg	CURCUMIN* → 14.800 mg/kg
GLUCOSAMINE → 139.300 mg/kg	L-GLUTAMINE → 12.700 mg/kg	BOSWELLIA SERRATA → 76.200 mg/kg
CHONDROITIN SULPHATE → 24.800 mg/kg	ANANASUS COMOSUS → 16.900 mg/kg	RIBES NIGRUM → 25.400 mg/kg

\*Turmeric root extract

PRODUCT PROPERTIES – KEY INGREDIENTS

### 3. INSTRUCTIONS FOR USE

Sprinkle 2 or 3 x 30 ml over the feed daily, depending on the intensity of the activity and your horse's sensitivity. 1 pump dose equals 30 ml. Maximum 200 ml per horse per day.

Our experience has shown that the best results are achieved with Cavalor® ArtiTec following an initial 28 day period. After that it can be added as required.



Our liquid supplements consist of much more than just water. It is essential, therefore, to shake them well in order to obtain a homogenous dose.

Not every horse needs the same level of protection. Cavalor® Arti Motion supports healthy tendons and joints and is especially intended for horses in the growth phase, non-working horses and horses that are not heavily strained. As the intensity of an effort increases, the strain on tendons and joints also grows, meaning there is a greater risk of injury. Cavalor® Arti Matrix meets the increased needs of the locomotor apparatus in sport horses and provides extra support. Cavalor® ArtiTec provides proven protection at peak times and helps to mitigate negative processes caused by excessive strain.



### 4. STORAGE & PACKAGING

Store in a cool, dry place. Will keep for up to 2 years after production.



#/OUTER BOX	EANCODE	PACKAGING	# DAYS	INTENSITY
7	 5 425016 901755	Cavalor® ArtiTec 2 L - 67.63 fl oz	22	Heavy load
			33	Maintenance