



# MUSCLE MOTION

## FOR MUSCLE SUPPORT AND MAINTENANCE

### 1. RECOMMENDED USE

**Cavalor® Muscle Motion provides supportive muscle care to ensure a healthy muscle function.**

During training and competition, by-products such as lactic acid and free radicals which can harm muscle cells are produced. By reducing the damaging effects of this waste, Cavalor® Muscle Motion prevents acidification and keeps the horse supple. Cavalor® Muscle Motion contains not just vitamin E and selenium, but also a strong mix of anti-oxidants and buffers next to magnesium and MSM. It supports not only the muscles cells during effort but also protects them.

### 2. PRODUCT FEATURES

Cavalor® Muscle Motion supports the muscle function and basic protection of cells.

#### **Protection of muscle cells: limit damage and stimulate recovery**

When horses have to work hard, lactate and free radicals can form in the muscles. If they are not neutralised they can damage muscle cells and cause acidification and stiffness.

*Powerful antioxidant mix with synergetic effect*

**Vitamin E**, together with **selenium** is one of the best-known ingredients for a muscle supplement. In addition to these antioxidants, Cavalor® Muscle Motion also contains **vitamin C, beta-carotene and bioflavonoids** which protect the cells against free radicals. By combining different antioxidants, Cavalor® Muscle Motion not only has a stronger effect, the dose of selenium can also be restricted. However, high levels of selenium are toxic. In addition, the antioxidants have different modes of action which protect the muscles at both intracellular and extracellular levels.

*Buffers for the prevention of acidification and muscle damage*

Cavalor® Muscle Motion contains **betaine**, a precursor of dimethylglycine, which primarily ensures oxygen is efficiently transported to the muscles so that less lactate is produced and stored. **Zinc**, added under a chelated form, accelerates lactate breakdown, while **sodium bicarbonate** as a buffer also contributes to efficient muscle recovery. By neutralising lactate and restoring the acid-base balance, it prevents muscle acidification and stiffness.

#### **Supporting muscle cells for a flexible and healthy muscle activity**

Minerals such as **sulphur (S), magnesium (Mg) and manganese (Mn)** reduce muscle tension and improve muscle flexibility and endurance. The form in which they are added is easy to absorb for the horse. An example of this is methylsulfonylmethane (**MSM**). Although MSM is mainly known for its beneficial effects for joints, it also contributes to the proper functioning of the muscles. MSM relaxes the muscles, acts as an antioxidant and stimulates the blood circulation. In this way MSM supports the breakdown of waste products and eliminates them from the body. In addition, a complex of B vitamins, including **vitamins B1, B2 and B12** provides improved carbohydrate metabolism, nerve transfer and oxygen supply to the muscles.

MSM ➔ 3%	VITAMIN B1 ➔ 5.000 mg/kg	SELENIUM ➔ 10 mg/kg
MAGNESIUM ➔ 1,5%	VITAMIN B2 ➔ 1.600 mg/kg	VITAMIN E ➔ 41.902 IU/kg
SODIUM BICARBONATE ➔ 10%	VITAMIN B12 ➔ 20 mg/kg	VITAMIN C ➔ 26.0005 mg/kg
MANGANESE ➔ 1.650 mg/kg	ZINC (ZN) ➔ 1,031 mg/kg	BETAINE HYDROCHLORIDE / (DMG) ➔ 104,811 mg/kg

PRODUCT FEATURES

# MUSCLES

## 3. INSTRUCTIONS FOR USE

Add daily 2 x 15 g Cavalor® Muscle Motion to the feed.  
1 measure = 15 g. Maximum 120 g per horse per day.

When the intensity of training increases, also the muscles are more challenged. Depending on the challenges, another Cavalor® supplement may fit your horse needs better.

**Cavalor® Muscle Fit**, based on Cavalor® Muscle Motion, protects the muscles even more against acidification and sore muscles. Next to this, Cavalor® Muscle Fit makes muscles more supple by supporting muscle metabolism. Cavalor® Muscle Fit is the ideal product for muscle support at competitions or for horses with sensitive muscles suffering from stiffness.

The new **Cavalor® LactaTec**, which will be launched soon, acts again stronger than Cavalor® Muscle Fit and offers the highest support of muscle function at crucial events or periods of very intense work. Next to protecting the muscle cells against damage, Cavalor® LactaTec improves muscle metabolism and supports the oxygen transport and blood circulation to the muscles so the horse can deliver top performances.



## 4. PACKAGING & STORAGE

Keep dry and at mediate temperatures. Use until 2 years after production date.

#/OUTER BOX	EAN CODE	PACKAGING	# DAYS
6	5 425016 902530	Cavalor® Muscle Motion 1 kg - 2,2 lb	33
1	5 425016 902547	Cavalor® Muscle Motion 5 kg - 11 lb	166