



## A unique approach to managing inflammation

At some point, there's a good chance your horse's quality of life will be affected by inflammation. While joint pain and stiffness are often the most obvious signs, inflammation can strike in other places in the body as well. Duralactin is different by providing support for your horse's overall wellness.



## Equine Wellness Products



1.875 lb



3.75 lb

### Duralactin® Equine Pellets

#### Active Ingredients

- MicroLactin® (dried milk protein) 7,000 mg
- Zinc 15 mg
- Manganese 8 mg

#### Directions for Use

- Give directly or feed with food. Give 2 level scoops once a day or 1 level scoop twice a day on sweet feed.
- Each level scoop holds at least 0.5 oz total weight.
- One bag contains a minimum of 56 level scoops.

### Duralactin® Equine Joint Plus Pellets

#### Active Ingredients

- MicroLactin® (dried milk protein) 7,000 mg
- Glucosamine HCl (marine source) 900 mg
- Chondroitin Sulfate (poultry source) 300 mg
- Ascorbic Acid (Vitamin C) 50 mg
- Zinc 15 mg
- Manganese 8 mg

#### Directions for Use

- Give directly or feed with food.
- Give 2 level scoops once a day or 1 level scoop twice a day.
- Each level scoop holds at least 1 oz total weight.
- One bag contains a minimum of 60 level scoops.

## Why Duralactin® Products?



#### Comprehensive

Addresses many different types of inflammation.



#### Inhibits Neutrophil Migration

Helps manage inflammation by inhibiting neutrophil migration to the affected site.



#### Cost Effective

Does not require a loading dose, which can help reduce costs.



#### Fewer Side Effects

Does not have the side effects most commonly associated with anti-inflammatory therapies.



#### Once a Day

Includes formulations that only need to be given once a day.



#### Easier Administration

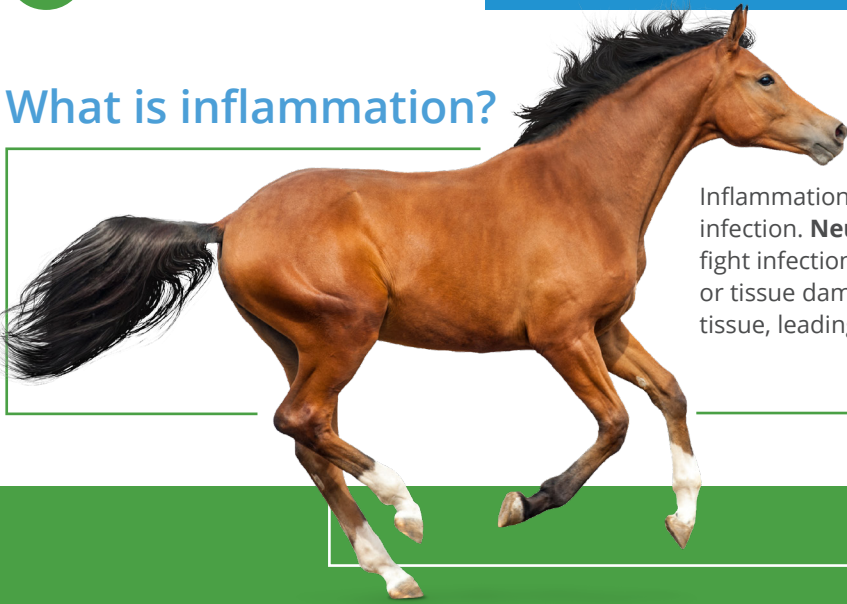
Horses readily accept Duralactin pellets.

All PRN® Pharmacal products should be administered under the care and supervision of a veterinary professional to ensure the best possible results. Use only as directed.

For use in horses only. Keep out of the reach of other animals and children. In case of accidental overdose, contact a health professional immediately. Safe use in pregnant animal has not been evaluated. Some horses may be sensitive to milk proteins. Should vomiting or diarrhea occur, or the animal's condition worsens, consult your veterinarian.

These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure or prevent any disease.

## What is inflammation?



Inflammation is the body's normal response to damaged tissue and infection. **Neutrophils, or white blood cells**, are what the body uses to fight infection by releasing substances to fight the source of the infection or tissue damage. But sometimes, these neutrophils also attack healthy tissue, leading to chronic inflammation and pain.



### Signs of inflammation:

Heat • Redness • Swelling • Pain  
Loss of Function

## A whole-body defense against inflammation

Duralactin® products can not only help manage different types of inflammation, they are ideal therapeutic options for helping maintain normal wellness.



### Manages inflammation throughout body

Because it is clinically proven to inhibit neutrophil migration to the sites of inflammation, it is believed that Duralactin helps reduce inflammation everywhere in the body.

Duralactin also includes formulations that only need to be given once a day.



### Backed by scientific studies

Duralactin has shown positive results within 7 days and peak results in 10-14 days. Duralactin has also enjoyed 20 years of clinical use and has been proven effective in multiple in vivo and in vitro published studies.<sup>1,2,3</sup>



### Suitable for high-risk animals & long-term use

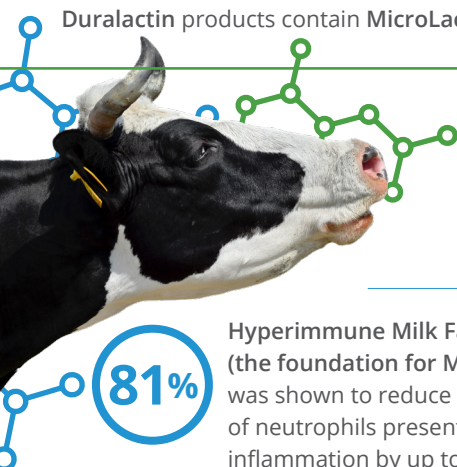
Duralactin is suitable for high-risk animals under veterinary care and ideal for long-term use. It is a well-tolerated alternative for the long-term management of musculoskeletal conditions.

## Duralactin is different.

Duralactin products contain MicroLactin® to support joint health and help manage inflammation.

### The unique action of MicroLactin®

MicroLactin, the active ingredient in Duralactin products, is a natural milk protein extracted from dairy cows. MicroLactin reduces the number of neutrophils that migrate to an inflammation site and limits their damage.



Visit [duralactin.com](http://duralactin.com) for more information

### Talk with your veterinarian

Ask if Duralactin should be part of your approach to managing your horse's wellness.



81%

Hyperimmune Milk Factor or HIMF (the foundation for MicroLactin) was shown to reduce the number of neutrophils present at sites of inflammation by up to 81%.<sup>1,2</sup>

86%

In a clinical survey, improvement was seen in 86% of the horses treated with Duralactin® Equine.<sup>1</sup>

<sup>1</sup> Bello TR, Allen TM. The use of MicroLactin® for inflammatory conditions in equine veterinary practice. *J Eq Vet Sci* 2005;25:9:379-382.

<sup>2</sup> Bello TR, Allen TM. An intensive approach in the treatment of equine protozoal myeloencephalitis. *J Eq Vet Sci* 2008;28:479-483.

<sup>3</sup> Gingerich DA, Strobel JD. Use of client-specific outcome measures to assess treatment effects in geriatric, arthritic dogs: controlled clinical evaluation of a nutraceutical. *Vet Ther* 2003;4:376-386.