DESCRIPTION:
UNIPRIM Powder contains 67 mg trimethoprim and 333 mg sulfadiazine per gram.

INDICATIONS AND USAGE: Trimethoprim/sulfadiazine is indicated in horses where potent systemic antibacterial activity is required. Trimethoprim/sulfadiazine is indicated when control of bacterial infections is required during treatment.

PHARMACOLOGY: PAS will occur in thirty to sixty minutes after a single dose of UNIPRIM Powder.

CONTRAINDICATIONS: There are no contraindications to the use of UNIPRIM Powder in horses.

WARNINGS: Care should be exercised in the use of trimethoprim/sulfadiazine in horses with a history of anemia or with a history of intolerance to antifolate therapy.

ADVERSE REACTIONS: Horses have developed diarrhea during trimethoprim/sulfadiazine treatment, which could be fatal. If fecal consistency changes during trimethoprim/sulfadiazine therapy, discontinuation of therapy is recommended.

PRECAUTIONS: Horses should be handled with the usual precautions that are employed with any antimicrobial agent.

TERATOLOGY: No significant changes were recorded in rats given doses of 600 mg/kg per day for 90 days.

Toxicity is low. The acute toxicity (LD50) of trimethoprim/sulfadiazine is more than 5 g/kg orally in rats.

Water should be readily available to horses receiving sulfonamide therapy.

Horses have developed diarrhea during trimethoprim/sulfadiazine treatment, which could be fatal. If fecal consistency changes during trimethoprim/sulfadiazine therapy, discontinuation of therapy is recommended.

The following table shows the average concentration of trimethoprim and sulfadiazine, as measured in either serum or plasma, 1 hour to 24 hours after a single dose of UNIPRIM Powder:

<table>
<thead>
<tr>
<th>Time (h)</th>
<th>Trimethoprim</th>
<th>Sulfadiazine</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>18.8</td>
<td>0.82</td>
</tr>
<tr>
<td>3</td>
<td>10.5</td>
<td>0.32</td>
</tr>
<tr>
<td>6</td>
<td>6.1</td>
<td>0.15</td>
</tr>
<tr>
<td>18</td>
<td>2.5</td>
<td>0.04</td>
</tr>
<tr>
<td>24</td>
<td>1.0</td>
<td>0.01</td>
</tr>
</tbody>
</table>

The usual course of treatment is a single, daily dose for 5 to 7 days.

The recommended dosage is 3.75 g UNIPRIM Powder per 110 lbs (50 kg) body weight. Since product contents may settle, gentle agitation during scooping is recommended.

Erythema, edema, and mild mucosal irritation have been observed in horses treated with trimethoprim/sulfadiazine.

Persons handling trimethoprim/sulfadiazine should wear gloves.

Six sizes, Two flavors, One powerful antibiotic.

PROUDLY MADE IN THE USA


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UNIPRIM®

A solution as *unique* as their situation.

**FAST-ACTING, POWERFUL ANTIBIOTIC**
UNIPRIM® powder is a combination of Trimethoprim/Sulfadiazine used to treat a wide spectrum of bacterial infections.

**MULTIPLE, CONVENIENT SIZES**
6 sizes, 2 Flavors

**CONVENIENCE EQUALS COMPLIANCE**
- Dosing is easy, customizable and accurate. Why count, crush and sweeten SMZ human tablets when a 37.5g packet or two scoops of UNIPRIM treat an 1,100 lb horse?
- Adjusted dose is 1tsp / 100lbs.

**EFFECTIVENESS**
UNIPRIM powder was designed specifically for horses and is cost-effective when compared to its human counterpart (SMZ/TMP).

Pharmacokinetic studies show that sulfadiazine (SDZ) in UNIPRIM has a greater volume of distribution in the horse than sulfamethoxazole (SMZ) providing higher tissue levels and a beneficial treatment more suited to the horse. Also, the micronized trimethoprim used in the human tablets tends to adhere to roughage in the horse digestive system limiting its absorption. UNIPRIM was designed to maximize trimethoprim absorption while maintaining the horse’s usual dietary regimen.

**COMPETITOR COMPARISON CHART**

<table>
<thead>
<tr>
<th></th>
<th>UNIPRIM® (TMP/SDZ powder)</th>
<th>TUCOPRIM® (TMP/SDZ powder)</th>
<th>Human tablets (TMP/SMZ)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FDA Equine Approved</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>6 sizes &amp; 2 flavors</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Easy to dose (2 scoops/1100 lbs.)</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Easily-adjusted dose (1tsp/100 lbs.)</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Made in the USA!</td>
<td>✓</td>
<td>✓</td>
<td>?</td>
</tr>
</tbody>
</table>

**ONLY FDA-APPROVED ANTIBIOTIC WITH APPLE FLAVOR**
Pioneer TMP/SDZ antibiotic for horses is also available in an apple flavored powder. Now you can offer your clients traditional and flavored options.

1125g
37.5g
200g
400g
1200g
2000g
3000g
1300g
2000g
400g
200g

Uniprim is a registered trademark of Macleod Pharmaceuticals, Inc. Tucoprim is a registered trademark of Pharmacia & Upjohn Co., LLC.