Sulfadimethoxine is a white, almost tasteless and odorless powder. Chemically, it is N1-oxide-2,6-dimethylpyrimidin-4-yl sulfanilamide. The structure formula is:

\[
\text{Chemically, it is } N^1\text{-oxide-2,6-dimethylpyrimidin-4-yl sulfanilamide.}
\]

Sulfadimethoxine/ormetoprim is a white, almost tasteless, and odorless powder. It is chemically 2 compounds results in the potentiation of sulfadimethoxine, providing sustained therapeutic blood levels.

**INDICATIONS AND USAGE**

Primor is for the treatment of skin and soft tissue infections caused by susceptible organisms. It is used in dogs and cats for the treatment of skin and soft tissue infections caused by susceptible organisms. It is not recommended for use in pregnant or lactating animals. It should not be used in animals with known sulfonamide sensitivity.

**ADVERSE REACTIONS**

Most adverse reactions are believed to be related to the sulfonamide component of the drug. These include vomiting, diarrhea, anorexia, and lethargy. Other adverse reactions include seizures, aggression, and hyperexcitability.

**PRECAUTIONS**

Increased water consumption and activity enhance the probability of the formation of sulfonamide crystals in the urine. Monitoring a daily urinalysis for crystals formation is recommended in animals with acid urine receiving the drug. As with any sulfonamide therapy, make certain dogs maintain adequate water intake. If dogs show no improvement within 2-3 days, reevaluate the diagnosis. Safety in breeding dogs has not been established.

**DOSAGE AND ADMINISTRATION**

Administer an initial oral dose of Primor 600 mg sulfadimethoxine/ormetoprim to dogs weighing less than 21 kg. Subsequent daily doses at the rate of 12.5 mg/lb (55 mg/kg) of body weight on the first day of treatment. After remission of clinical signs, do not extend treatment for more than 21 consecutive days. Suggested dosage schedules follow:

**REFERENCE***

Distributed by Becton, Dickinson and Company, Franklin Lakes, NJ 07417.

**DISCLAIMER**

The information presented in this document has been compiled from official sources. The accuracy of the data is not guaranteed. Errors or omissions are possible.

**LEGAL DISCLAIMER**

The information presented in this document has been compiled from official sources. The accuracy of the data is not guaranteed. Errors or omissions are possible.

**PATENT DISCLAIMER**

The information presented in this document has been compiled from official sources. The accuracy of the data is not guaranteed. Errors or omissions are possible.

**NOTICE**

The information presented in this document has been compiled from official sources. The accuracy of the data is not guaranteed. Errors or omissions are possible.

**STATEMENT**

The information presented in this document has been compiled from official sources. The accuracy of the data is not guaranteed. Errors or omissions are possible.

**SUPPLEMENTARY INFORMATION**

The information presented in this document has been compiled from official sources. The accuracy of the data is not guaranteed. Errors or omissions are possible.

**HIGHLY RECOMMENDED IN HUMAN AND ANIMAL HEALTH**

The information presented in this document has been compiled from official sources. The accuracy of the data is not guaranteed. Errors or omissions are possible.

**OFFICIAL SOURCES**

The information presented in this document has been compiled from official sources. The accuracy of the data is not guaranteed. Errors or omissions are possible.

**SUBJECT TO CHANGE**

The information presented in this document has been compiled from official sources. The accuracy of the data is not guaranteed. Errors or omissions are possible.

**FOR FURTHER INFORMATION**

The information presented in this document has been compiled from official sources. The accuracy of the data is not guaranteed. Errors or omissions are possible.

**NOTICE**

The information presented in this document has been compiled from official sources. The accuracy of the data is not guaranteed. Errors or omissions are possible.

**LEGAL DISCLAIMER**

The information presented in this document has been compiled from official sources. The accuracy of the data is not guaranteed. Errors or omissions are possible.

**PATENT DISCLAIMER**

The information presented in this document has been compiled from official sources. The accuracy of the data is not guaranteed. Errors or omissions are possible.

**NOTICE**

The information presented in this document has been compiled from official sources. The accuracy of the data is not guaranteed. Errors or omissions are possible.

**STATEMENT**

The information presented in this document has been compiled from official sources. The accuracy of the data is not guaranteed. Errors or omissions are possible.

**SUPPLEMENTARY INFORMATION**

The information presented in this document has been compiled from official sources. The accuracy of the data is not guaranteed. Errors or omissions are possible.

**HIGHLY RECOMMENDED IN HUMAN AND ANIMAL HEALTH**

The information presented in this document has been compiled from official sources. The accuracy of the data is not guaranteed. Errors or omissions are possible.

**OFFICIAL SOURCES**

The information presented in this document has been compiled from official sources. The accuracy of the data is not guaranteed. Errors or omissions are possible.

**SUBJECT TO CHANGE**

The information presented in this document has been compiled from official sources. The accuracy of the data is not guaranteed. Errors or omissions are possible.

**FOR FURTHER INFORMATION**

The information presented in this document has been compiled from official sources. The accuracy of the data is not guaranteed. Errors or omissions are possible.

**NOTICE**

The information presented in this document has been compiled from official sources. The accuracy of the data is not guaranteed. Errors or omissions are possible.

**LEGAL DISCLAIMER**

The information presented in this document has been compiled from official sources. The accuracy of the data is not guaranteed. Errors or omissions are possible.

**PATENT DISCLAIMER**

The information presented in this document has been compiled from official sources. The accuracy of the data is not guaranteed. Errors or omissions are possible.

**NOTICE**

The information presented in this document has been compiled from official sources. The accuracy of the data is not guaranteed. Errors or omissions are possible.

**STATEMENT**

The information presented in this document has been compiled from official sources. The accuracy of the data is not guaranteed. Errors or omissions are possible.

**SUPPLEMENTARY INFORMATION**

The information presented in this document has been compiled from official sources. The accuracy of the data is not guaranteed. Errors or omissions are possible.

**HIGHLY RECOMMENDED IN HUMAN AND ANIMAL HEALTH**

The information presented in this document has been compiled from official sources. The accuracy of the data is not guaranteed. Errors or omissions are possible.

**OFFICIAL SOURCES**

The information presented in this document has been compiled from official sources. The accuracy of the data is not guaranteed. Errors or omissions are possible.

**SUBJECT TO CHANGE**

The information presented in this document has been compiled from official sources. The accuracy of the data is not guaranteed. Errors or omissions are possible.

**FOR FURTHER INFORMATION**

The information presented in this document has been compiled from official sources. The accuracy of the data is not guaranteed. Errors or omissions are possible.

**LEGAL DISCLAIMER**

The information presented in this document has been compiled from official sources. The accuracy of the data is not guaranteed. Errors or omissions are possible.

**PATENT DISCLAIMER**

The information presented in this document has been compiled from official sources. The accuracy of the data is not guaranteed. Errors or omissions are possible.

**NOTICE**

The information presented in this document has been compiled from official sources. The accuracy of the data is not guaranteed. Errors or omissions are possible.

**STATEMENT**

The information presented in this document has been compiled from official sources. The accuracy of the data is not guaranteed. Errors or omissions are possible.

**SUPPLEMENTARY INFORMATION**

The information presented in this document has been compiled from official sources. The accuracy of the data is not guaranteed. Errors or omissions are possible.

**HIGHLY RECOMMENDED IN HUMAN AND ANIMAL HEALTH**

The information presented in this document has been compiled from official sources. The accuracy of the data is not guaranteed. Errors or omissions are possible.

**OFFICIAL SOURCES**

The information presented in this document has been compiled from official sources. The accuracy of the data is not guaranteed. Errors or omissions are possible.

**SUBJECT TO CHANGE**

The information presented in this document has been compiled from official sources. The accuracy of the data is not guaranteed. Errors or omissions are possible.

**FOR FURTHER INFORMATION**

The information presented in this document has been compiled from official sources. The accuracy of the data is not guaranteed. Errors or omissions are possible.
The systemic action sulfonamides, which include sulfadimethoxine, are bacteriostatic agents. Sulfonamides competitively inhibit folic acid metabolism of bacteria, depriving them of folate coenzymes. The susceptibility of organisms to sulfonamides or potentiated sulfonamides include polyarthritis, urticaria, facial swelling, fever, hemolytic anemia, polydypsia, polyuria, and hepatitis, vomiting, anorexia, diarrhea, and neurologic disturbances, such as seizures, aggression, and hyperexcitability. These changes are known to be associated with prolonged administration of sulfonamides to dogs and have been reported.

These changes are known to be associated with prolonged administration of sulfonamides to dogs and have been reported.

Alcohol: Epilepticus for amnestic reactions.

DIAGNOSIS AND ADMINISTRATION: Administer an initial dose of 25 mg/kg (55 mg/lb) of body weight on the first day of treatment. Administer subsequent daily doses at the rate of 13.3 mg/kg (30 mg/lb) of body weight, or 15 mg/kg (33.3 mg/lb) of body weight two days after resolution of clinical signs. Do not extend treatment for more than 21 consecutive days. Suggested dosage schedule follows:

<table>
<thead>
<tr>
<th>Body Weight (kg)</th>
<th>No. of Tablets First Day</th>
<th>No. of Tablets Subsequent Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0 – 2.0</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>2.1 – 5.0</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>5.1 – 10.0</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>10.1 – 20.0</td>
<td>4</td>
<td>1</td>
</tr>
<tr>
<td>20.1 – 40.0</td>
<td>5</td>
<td>1</td>
</tr>
<tr>
<td>40.1 – 60.0</td>
<td>6</td>
<td>1</td>
</tr>
</tbody>
</table>

For optimal therapeutic effect, the drug must be given early in the course of the disease. (20) Therapeutically effective levels must be maintained in the body throughout the treatment period. Treatment should continue for at least 2 days after resolution of clinical signs. If sulfonamide hypersensitivity develops, discontinue therapy and substitute a different class of antimicrobial agent.

STORAGE: Store at controlled room temperature 15°–30°C (59°–86°F) Avoid extreme heat and cold. Store in a tightly closed container.

REFERENCES:

For optimal therapeutic effect, the drug must be given early in the course of the disease. (20) Therapeutically effective levels must be maintained in the body throughout the treatment period. Treatment should continue for at least 2 days after resolution of clinical signs. If sulfonamide hypersensitivity develops, discontinue therapy and substitute a different class of antimicrobial agent.


REFERENCES: