

# SMZ-Med™ 454

(Sodium Sulfamethazine Soluble Powder)

ANADA# 200-434, Approved by FDA



## INDICATIONS

For the control and treatment of the following diseases when caused by one or more of the following pathogenic organisms susceptible to sulfamethazine.

### FOR THE TREATMENT OF:

**Cattle** - Bacterial Pneumonia and Bovine Respiratory Disease Complex (Shipping Fever Complex) (*Pasteurella* spp.), Colibacillosis (Bacterial Scours) (*Escherichia coli*), Necrotic Pododermatitis (Foot Rot) (*Fusobacterium necrophorum*), Calf Diphtheria (*Fusobacterium necrophorum*), Acute Metritis (*Streptococcus* spp.).

**Beef Cattle** - Acute Mastitis (*Streptococcus* spp.)

**Swine** - Porcine Colibacillosis (Bacterial Scours) (*Escherichia coli*), Bacterial Pneumonia (*Pasteurella* spp.)

### FOR THE CONTROL OF:

**Chickens** - Infectious Coryza (*Haemophilus gallinarum*), Coccidiosis (*Eimeria tenella*, *Eimeria necatrix*), Acute Fowl Cholera (*Pasteurella multocida*), Pullorum Disease (*Salmonella pullorum*)

**Turkeys** - Coccidiosis (*Eimeria meleagritidis*, *Eimeria adenoides*)

See reverse side for Administration and Dosage.

## BENEFITS

- **Highly soluble** - Mixes readily and thoroughly in water
- **Convenient** - Once-a-day dosage in drinking water or as a drench
- **Fast Acting** - Symptom relief usually apparent in two to three days
- **Easy to use** - One packet/gallon of water prepares recommended 12.0% stock solution
- **FDA approved**

## PACKAGING

LIST NO.	UNIT PACKAGE	CASE SIZE
1SUL006	453.5 gm (1 lb) foil packets (20 packets per resealable plastic pail)	20

# SMZ-Med™ 454

## (Sodium Sulfamethazine Soluble Powder)

ANADA 200-434, Approved by FDA  
ANTIBACTERIAL

**CONVENIENT, ONCE-A-DAY DOSAGE IN DRINKING WATER OR AS A DRENCH**

**Prepare Fresh Solutions Daily**  
**Contents 100% sodium sulfamethazine**

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**FOR THE TREATMENT OF:**

**Cattle** - Bacterial Pneumonia and Bovine Respiratory Disease Complex (Shipping Fever Complex) (*Pasteurella* spp.), Colibacillosis (Bacterial Scours) (*Escherichia coli*), Necrotic Pododermatitis (Foot Rot) (*Fusobacterium necrophorum*), Calf Diphtheria (*Fusobacterium necrophorum*), Acute Metritis (*Streptococcus* spp.).

**Beef Cattle** - Acute Mastitis (*Streptococcus* spp.)

**Swine** - Porcine Colibacillosis (Bacterial Scours) (*Escherichia coli*), Bacterial Pneumonia (*Pasteurella* spp.)

**FOR THE CONTROL OF:**

**Chickens** - Infectious Coryza (*Haemophilus gallinarum*), Coccidiosis (*Eimeria tenella*, *Eimeria necatrix*), Acute Fowl Cholera (*Pasteurella multocida*), Pullorum Disease (*Salmonella pullorum*)

**Turkeys** - Coccidiosis (*Eimeria meleagrimittis*, *Eimeria adenoides*)

### ADMINISTRATION IN DRINKING WATER

Prepare a 12.0% stock solution by adding the contents of the package to one gallon of water.

### DOSAGE: CATTLE, CALVES AND SWINE

**1st day:** 6 tablespoons (3 fl oz) for each 100 lb body weight, providing approximately 108 mg/lb (237.6 mg/kg) body weight.

**2nd, 3rd, 4th days:** 3 tablespoons (1 1/2 fl oz) for each 100 lb body weight, providing approximately 54 mg/lb (118.8 mg/kg) body weight.

### DOSAGE: POULTRY

Add 2 tablespoons (1 fl oz) to each gallon, or one gallon of stock solution to 128 gallons. Following administration directions, this will provide a recommended dose of approximately 58 to 85 mg/lb/day (128 to 187 mg/kg/day) body weight in chickens and 50 to 124 mg/lb/day (110 to 273 mg/kg/day) body weight in turkeys, depending upon the dosage, age, class of chickens or turkeys, ambient temperature and other factors.

**WARNING:** Do not medicate chickens or turkeys producing eggs for human consumption. To avoid drug residues in edible flesh withdraw medication from chickens and turkeys ten (10) days prior to slaughter for food. Treated cattle must not be slaughtered for at least ten (10) days after the last dose. Exceeding five (5) consecutive days of treatment may cause violative tissue residue to remain beyond the withdrawal time. Do not use in calves under one (1) month of age or calves being fed an all-milk diet. Use in these classes of calves may cause violative residues to remain beyond the withdrawal time. Do not use in female dairy cattle 20 months of age or older. Use of sulfamethazine in this class of cattle may cause milk residues.

Withdraw medication from swine fifteen (15) days prior to slaughter for food.

**CAUTION:** For best advice in control and treatment of animal disease, consult a veterinarian. Have only medicated water available during treatment, and check carefully to insure adequate drug dosage and water intake. Cattle

and calves not drinking or eating must be dosed by drench or with immediate release sulfamethazine bolus. For best results, treat sick animals individually. In poultry, consult a veterinarian or poultry pathologist for diagnosis. For control of outbreaks of disease, medication should be initiated as soon as the diagnosis is determined.

Medicated cattle, swine, chickens and turkeys must actually consume enough medicated water which provides the recommended dosages.

SMZ-Med 454 works fast. If symptoms persist after using this preparation for 2 or 3 days, consult a veterinarian. Excessive dosage may cause toxic reactions. Follow dosage and administration instructions carefully. Hatchability of eggs laid during medication with sulfas, and for short periods thereafter, may be adversely affected.

Treatment of all diseases should be instituted early. Treatment should continue 24 to 48 hours beyond the remission of disease symptoms, but not to exceed a total of 5 consecutive days in cattle or swine.

### ADMINISTRATION

#### CATTLE, CALVES AND SWINE

##### In Drinking Water:

Add the required dose given above to that amount of water that will be consumed in one day; consumption should be carefully checked. Factors such as temperature, humidity and disease will cause variable fluid intake. As a generalization, the above animals will consume approximately 1 gallon per 100 lb body weight per day.

##### As a Drench:

Dilute the proper dose of stock solution, and drench or administer with dose syringe.

Cattle and calves not drinking must be dosed by drench or with an immediate release sulfamethazine bolus. For best results, pen-up animals to be treated, and treat sick animals individually.

#### CHICKENS AND TURKEYS

Add the required dose to that amount of water that will be consumed in one day. Water consumption should be carefully checked to insure adequate drug intake. As a generalization, 100 turkeys will drink one gallon of water per day for each week of age; chickens will consume one-half this amount. **INFECTIOUS CORYZA** (in chickens): Medicate for 2 consecutive days. **ACUTE FOWL CHOLERA AND PULLORUM DISEASE** (in chickens): Medicate for 6 consecutive days. **COCCIDIOSIS** (in chickens and turkeys): Medicate as above for 2 days, then reduce drug concentration to one-half above for 4 additional days.

### FOR ANIMAL USE ONLY

#### KEEP OUT OF REACH OF CHILDREN

Store at controlled room temperature 15° to 30°C (59° to 86°F).

### HOW SUPPLIED

SMZ-Med 454 is supplied in 453.5 gm (1 lb) foil pouches packed 20 pouches per resealable plastic pail.

TAKE TIME



OBSERVE LABEL  
DIRECTIONS

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