

# safe-guard® AquaSol

(fenbendazole oral suspension)

## APPLICATION PROCEDURE



Safe-Guard® AquaSol must be administered orally to chickens via the drinking water at a daily for 5 consecutive days. The required daily volume of product is calculated from the total estimated body weight [kg or pound] of the entire group of chickens to be treated. It is NOT to be administered directly to any poultry, as it is a concentrate.

The daily dose of 1 mg Fenbendazole per kg bodyweight (0.5 mg per pound) is equivalent to 0.005 mL Safe-Guard® AquaSol per kg body weight (0.00227 mL per pound; so, a single 5-pound chicken would require about ¼ of a drop of medication). A single drop of Safe-Guard AquaSol, mixed with water (1 to 1 ratio) can treat 22 pounds of chickens (about 3 to 4 average sized hens, presuming they weigh between 4 and 5 pounds each).

**1 Drop = 0.05 mL | 10 Drops = 0.5 mL | 20 Drops = 1 mL**

Add the entire 1 to 1 dilution of Safe-Guard® AquaSol in water to the medication tank containing the volume of drinking water usually consumed by the animals in 3 to 24 hours. Stir the medicated water in the medication tank until the medicated water is visibly homogeneous. The medicated water should appear hazy. No further stirring during administration is necessary. ***It is OKAY to have a little more medication in the water than necessary. Overdosing by a \*small amount\* is not harmful to chickens.*** **VIEW THE STEP-BY-STEP INSTRUCTIONS ON THE OTHER SIDE OF THIS SHEET.**

Amount of Safe-Guard AquaSol	Appx. Total Weight of Chickens
1 Drop (0.05 mL)	22 lbs (3 to 4 chickens)
2 Drops (0.1 mL)	44 lbs (9 to 11 chickens)
3 Drops (0.15 mL)	66 lbs (13 to 16 chickens)
4 Drops (0.2 mL)	88 lbs (18 to 22 chickens)
5 Drops (0.25 mL)	110 lbs (22 to 28 chickens)
6 Drops (0.3 mL)	132 lbs (26 to 33 chickens)
7 Drops (0.35 mL)	154 lbs (31 to 39 chickens)
8 Drops (0.4 mL)	176 lbs (35 to 44 chickens)
9 Drops (0.45 mL)	198 lbs (40 to 50 chickens)
10 Drops (0.5 mL)	220 lbs (44 to 55 chickens)

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# safe-guard® AquaSol

## INDICATIONS:

Safe-Guard® AquaSol is indicated for the treatment and control of adult *Ascaridia galli* in broiler chickens and replacement chickens and for the treatment and control of adult *A. galli* and *Heterakis gallinarum* in breeding chickens and laying hens.

## DOSAGE AND ADMINISTRATION:

Safe-Guard® AquaSol must be administered orally to chickens via the drinking water at a daily dose of 1 mg/kg BW (0.454 mg/lb) for 5 consecutive days. Consult your veterinarian for assistance in the diagnosis, treatment, and control of parasitism. No withdrawal period is required when used according to labeling.

## GENERAL MIXING DIRECTIONS:

The daily dose of 1 mg fenbendazole per kg BW (0.454 mg/lb) is equivalent to 0.005 mL Safe-Guard® AquaSol per kg BW (0.00227 mL/lb). The required daily volume of product is calculated from the total estimated body weight [kg] of the entire group of chickens to be treated. Please use the following formula:

$$\begin{aligned} \text{Total body weight [kg] of the chickens to be treated} \times \mathbf{0.005 \text{ mL}} &= \text{mL Safe-Guard AquaSol/day} \\ \text{Total body weight [lb] of the chickens to be treated} \times \mathbf{0.00227 \text{ mL}} &= \text{mL Safe-Guard® AquaSol/day} \end{aligned}$$

- 1. Weigh the chickens** (or poultry) that you are about to treat. If you're treating many birds, you can estimate by simply weighing a few at random and getting an average to use overall. Luckily, a small extra amount of the medication isn't harmful to poultry.
- 2. Use the guide** on the other side of these instructions to help **determine the number of drops** of Safe-Guard® AquaSol to use for the number of chickens or poultry that you will be treating. When dealing with **Tapeworm**, you may wish to add an additional drop to the equation.
- 3. Shake the product** (Safe-Guard® AquaSol) well before mixing. The nanoparticles in the solution tend to settle to the bottom of the bottle, making the bottle look half full (when it's actually not).
- 4. Add** the calculated volume of the product (Safe-Guard® AquaSol) to the amount of **drinking water** that the number of chickens or poultry consume in a **24-hour period** and **stir** thoroughly. Chickens typically drink 2 cups (1 pint) of water per day each; ducks typically drink twice that (4 cups or 2 pints); turkeys drink about 3-4 cups of water a day; and quail typically drink about 5% of their bodyweight (typically 2–2.5 oz of water daily).
- 5. At the end of each day**, remove any remaining water, rinse the waterer out, and replace with newly medicated water. Repeat for five (5) consecutive days.

**USER SAFETY WARNINGS:** Not for use in humans. Keep out of reach of children. Protective gloves should be used, and care should be taken when handling the product to avoid skin and eye exposure and accidental ingestion. Accidental exposure may result in skin and eye irritation. Accidental ingestion may cause gastrointestinal disturbances and hypersensitivity reactions in humans. For customer service, adverse effects reporting, and/or a copy of the SDS, call 1-800-211-3573. For additional information about adverse drug experience reporting for animal drugs, contact FDA at 1-888-FDA-VETS, or <http://www.fda.gov/AnimalVeterinary/SafetyHealth>.