



## The SmartPak™ Pharmacy Dog and Cat Product Information Sheet

### Sentinel® Flavor Tabs®

**Common Drug Name** – Lufenuron and Milbemycin oxime

**How Supplied from SmartPak** – Sentinel is available in single monthly doses, 6-packs, or 12-packs, in the following strengths:

2 – 10lbs: brown  
11 – 25lbs: green  
26 – 50lbs: yellow  
51 – 100lbs: white

**Category** – Milbemycin oxime is a macrocyclic anthelmintic which is believed to act by interfering with invertebrate neurotransmission. Lufenuron is an insect development inhibitor which breaks the flea life cycle by inhibiting development.

**Caution** - Federal law restricts this drug to use by or on the order of a licensed veterinarian.

**Indications (Uses)** – Sentinel is for use in dogs and puppies, four weeks of age and older, and two pounds body weight or greater, for the prevention of heartworm disease caused by *Dirofilaria immitis*, for the prevention and control of flea populations, the control of adult *Ancylostoma caninum* (hookworm), and the removal and control of adult *Toxocara canis* and *Toxascaris leonina* (roundworm) and *Trichuris vulpis* (whipworm) infections.

**Dosage and Administration** – Sentinel is given orally, once a month, at the recommended minimum dosage of 0.23mg/lb (0.5mg/kg) Milbemycin oxime and 4.55mg/lb (10mg/kg) Lufenuron. Dogs over 100 pounds are to be given the appropriate combination of tablets. To ensure adequate absorption, always administer Sentinel to dogs immediately

after or in conjunction with a normal meal. Sentinel is palatable and most dogs will consume the tablet when offered by the owner. As an alternative to direct dosing, the tablets can be hidden in food. Be certain the dog consumes the entire tablet(s). If it is not entirely consumed, redose with the full recommended dose as soon as possible. Sentinel must be administered monthly, preferably on the same date each month. Treatment with Sentinel may begin at any time of year. In geographic areas where mosquitoes and fleas are seasonal, the treatment schedule should begin one month prior to the expected onset and should continue until the end of “mosquito and flea season.” In areas with year-round infestations, treatment should continue through the entire year without interruption. If a dose is missed and a 30-day interval between dosing is exceeded, administer Sentinel immediately and resume the monthly dosing schedule. If Sentinel replace daily diethylcarbamazine (DEC) for heartworm prevention, the first dose must be given within 30 days after the last dose of DEC.

**Human Warnings** – Not for human use. Keep out of reach of children.

**Precautions** – Do not use in puppies less than four weeks of age and less than two pounds of body weight. Prior to administration of Sentinel, dogs should be tested for existing heartworm infections. Infected dogs should be treated to remove adult heartworms and microfilariae prior to initiating treatment with Sentinel. Mild, transient hypersensitivity reactions manifested as labored respiration, vomiting, salivation and lethargy have been noted in some treated dogs carrying a high number of circulating microfilariae. Without

concurrent use of an adulticide, adequate flea control may not be achieved in dogs that have repeated exposure to flea-infected animals or environments.

**Adverse Reactions (Side Effects)** – The following adverse reactions have been reported in dogs after giving Milbemycin oxime or Lufenuron: vomiting, depression, lethargy, pruritus, urticaria, diarrhea, anorexia, skin congestion, ataxia, convulsions, hypersalivation and weakness.

**Storage Conditions:** Store in a dry place at controlled room temperature between 59 - 86F.

**Manufactured for:**  
Novartis Animal Health US, Inc.  
Greenboro, NC 27408

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