

# FRONTLINE® SPRAY

**Target species:** Dog, cat.

**Composition:** Fipronil 0.25 %w/v, Vehicle (Copovidone, isopropanol and purified water) q.s.

**Indication:** Treatment and prevention of infestation by fleas and ticks in dogs and cats. Fipronil exhibits insecticidal and acaricidal activity against fleas (*Ctenocephalides spp.*), ticks (*Rhipicephalus spp.*, *Ixodes spp.*) and lice (*Trichodectes spp.* and *Felicola spp.*), *Neotrombicula autumnalis*, *Sarcoptes spp.* and *Cheyletiella spp.* in the dog and cat.

**Dosage and administration:** Mechanical pump spray for external use.

Spray the entire body of the animal, and apply from a distance of approximately 10-20 cm. Apply against the lay of the hair and make sure that the entire coat of the animals is wetted. Ruffle the coat, especially in longhaired animals, so that the product penetrates down to the skin. Allow to dry naturally. Do not towel dry. Spraying builds up a film and makes the fur glossy.

**Dosage** In order to wet the coat down to the skin, depending on the length of the hair, apply 3 to 6 ml per kg body weight (7.5 to 15 mg of active ingredient per kg body weight) i.e. 2 to 4 pump applications per kg body weight.

The product is active for 4 weeks (3 to 5) against Ticks and 2 months against fleas. (1 to 3 depending on the parasite challenge in the animals environment) in dogs. In cats, the product is active for 6 weeks against fleas.

Dogs and cats – Less than 5kg	100 ml 6 spraying / kg, Up to 12 / kg in case of long hair
Dogs and cats + More than 5kg	250 ml or 500 ml 2 spraying / kg, Up to 4 / kg in case of long hair

## Warnings:

- Avoid Spraying in animals' eyes & directly onto areas of broken skin
- Do not use in rabbits as adverse reactions and even death could occurred
- As with all insecticides and acaricides, the following are recommended: -Wear gloves, especially during treatment of groups of animals  
-Spray the animals in a well ventilated room

- Wash the hands after use
- Do not smoke, drink or eat during application
- Keep treated animals away from fires and other sources of heat for at least 30 minutes following spraying and until the fur is totally dry.

### **Packaging**

- (i) 100 ml spray bottle, delivering 0.5 ml per spray
- (ii) 250 ml stoppered spray bottle, delivering 1.5 ml per spray

### **Storage**

Keep away from sources of ignition. Protect from sunlight.

### **Pharmacological properties**

#### **Fipronil**

Biotransformation In all species, fipronil is mainly metabolized to its sulphone derivative, which also possesses insecticidal and acaricidal properties.

Fipronil is an insecticide and acaricide from the phenylpyrazole family  
↓  
inhibits the GABA complex, binding to the ligand-gated chloride channel blockage of  
↓  
pre and post synaptic transfer of chloride ions across the membrane uncontrolled  
↓  
activity of the central nervous system  
↓  
death of insects and acarids.

**Manufactured By:** Boehringer Ingelheim (former Merial)

**For Veterinary Use only**