



**RECOMMENDATIONS FOR USE IN CASES OF CONTAGIOUS DISEASES**

APPLICATION	FREQUENCY	DILUTION /10 LITRES	MINIMUM EXPOSURE
<p><b>HOUSING</b> Isolate all diagnosed and visibly infected animals immediately. Infected puppies must be isolated with the mother.</p> <p>Remove all bedding and equipment (e.g. toys, brushes, water and feed bowls) from cages, floors.</p> <p>Soak bedding and equipment in F10SC before washing. Hang to dry / tumble dry.</p> <p>Wash water and feed bowls with warm water and F10SCXD, spray with F10SC and leave to dry.</p> <p>Wash all surfaces (work benches, floors, tables, walls, tiles) with F10SCXD.</p>	Daily	40 ml *	30 min
<p><b>STAFF</b> Handling of animals should be limited and involve as few people as possible.</p> <p>Staff movement must be restricted to designated areas.</p> <p>Infected animals and areas should be handled last to avoid cross-contamination.</p> <p>Protective clothing should be worn and discarded or washed and disinfected daily.</p> <p>Proper hand decontamination (running water, F10 antiseptic liquid soap and paper towel to dry or use F10 Hand Gel) must be done after any animals or possible infected material such as bedding had been handled.</p>	Daily	40 ml *	Soak 30 min, hang to dry
<p><b>GENERAL</b> Grass should be kept short and exposed to as much sun as possible.</p> <p>Carrier boxes must be washed (F10SCXD) and disinfected (F10SC) after every use and left to dry.</p> <p>All cleaning equipment (mops, cloths, brushes) must be washed with F10SCXD and disinfected with F10SC at the end of each day.</p>	After every use	40 ml *	Leave to dry
<p><b>ANIMAL TREATMENT</b> Wash ALL animals immediately with F10 Germicidal Treatment Shampoo to prevent the disease from spreading.</p> <p>Repeat for up to 3 treatments on every other day on infected animals and once a week on non-infected animals.</p> <p>Apply F10 Germicidal Barrier Ointment to affected lesions once daily.</p> <p>Remove all organic material and ointment with F10SC (1:250) before re-applying the Ointment.</p>	As is	As is	Leave 15 min rinse
	As is	As is	Leave 15 min rinse
	Every other day or as prescribed by veterinarian	As is	Leave to dry
		40 ml	-

\* for Parvo virus cases use 80ml in 10 liters

**F10**  
PRODUCTS



**F10**

**Germicidal Treatment Shampoo**

**A DERMATOLOGICAL PREPARATION EFFECTIVE AGAINST BACTERIA AND FUNGI AS A SKIN TREATMENT AND TO PREVENT RE-INFECTION, ALSO WITH INSECTICIDE TO REPEL INSECTS**

**F10**

**Germicidal Treatment Shampoo with Insecticide**



Health and Hygiene

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**Health and Hygiene (Pty) Ltd in accordance with GMP**  
 License no.M7294 APVMA, SABS permit no.6656/99863

*Get the best for your best friends!*



## PROPRIETARY NAME AND DOSAGE FORM

F10 GERMICIDAL TREATMENT SHAMPOO (pour on) and F10 GERMICIDAL TREATMENT SHAMPOO WITH INSECTICIDE (pour on)

## REGISTRATION NO.

Act 36/1947 - G3107, APVMA - Reg no.58543, EU Directive 2001/82/EC (art 4.2)



Figure 1.  
Hair loss

## COMPOSITION

Quaternary ammonium and biguanide compound .....	0,43g/100g
Non toxic ampholytic surfactants and sequesterants .....	7,81g/100g
Herbal fragrance .....	0,2g/100g
Water .....	to balance

## Insecticide Additions

Cypermethrin .....	0,25%
Piperonyl Butoxide .....	1,25%

## INDICATIONS

A dermatological preparation effective against bacteria and fungi as a skin treatment and to prevent re-infestation. For example the following bacterial conditions (Pyotraumatic Dermatitis, Superficial Pyoderma, Skin Fold Dermatitis), yeast (Malasseziasis) and fungal conditions (Dermatophytosis). Also available with long acting insecticide to repel insects.

## ANTIMICROBIAL ACTION

The antimicrobial action of the preparation is based upon the proprietary branded F10 compound. The mechanism of action of F10 is derived from those of each component taken separately, in addition to those due to the additive synergistic action of all components combined. At the concentrations in the product F10 has been assessed as giving a > log<sub>5</sub> reduction in microbial counts against gram positive and gram



SKIN DISEASE



Figure 2.  
Ringworm spores

negative bacteria; fungi, yeasts and moulds. The group of keratinophilic fungi is very large, but only two genera, known as dermatophytes, are known to cause disease ("ringworm") in animals. The genera involved are *Microsporium* spp, and *Trichophyton* spp. At the concentration in the product F10 GERMICIDAL TREATMENT SHAMPOO was found to be effective in a contact time of at least 15 minutes, however three repeat treatment applied every other day is the recommended treatment protocol.

## INSECTICIDAL ACTION

The insecticidal action is based upon cypermethrin (a pyrethroid) and aided by piperonyl butoxide. In the testing phases the indicator species used was *Lucilia cuprina*, a commonly occurring **blow fly** species. As soon as the larvae were sprayed they immediately began to migrate from the test site and within 30 minutes were dead. Other tests on *L. cuprina* **eggs** resulted in a 100% kill. The product was equally effective against **adult flies** and showed a 77% kill in 15 minutes rising to 100% within 30 minutes. Cypermethrin is a broad spectrum insecticide and is effective against other insects, e.g. **biting flies, fleas, mosquitoes, and ticks.**

## DOSAGE AND DIRECTIONS FOR USE

- **Use only as directed**
- Wet the hair thoroughly. Initially a preliminary application of F10 GERMICIDAL TREATMENT SHAMPOO maybe necessary to break through the natural oils on the hair. Should this be necessary work the shampoo into the coat and then rinse off and re-apply immediately.
- Apply F10 GERMICIDAL TREATMENT SHAMPOO and work into a good lather. Leave for at least 15 to 20 minutes then thoroughly rinse off with clean water. When using the F10 GERMICIDAL TREATMENT SHAMPOO WITH INSECTICIDE it would be desirable to leave to dry to maximize the residual effect. Repeat the treatment up to three times applied every other day or as directed by the veterinarian until the skin condition has cleared.



- A recommended infection control programme for use in cases of contagious skin infections is shown overleaf.
- **Replace cap after use.**

## TOXICOLOGY

Acute toxicity studies were carried out in accordance with the test requirements as specified by the EPA. All studies were subject to an independent GLP compliance audit.

- Oral toxicity (rats) - >2000 to 5000mg/kg – category III
- Dermal toxicity (rats) – > 5000mg/kg – category III
- Dermal irritation (guinea pigs) – Zero at 24 hrs (very slight erythema (grade 1) but reversible within 24 hrs) – category IV
- Eye irritation (rabbits) – zero at 24 hrs (cornea and iris showed no reaction. The eyelids and nictating membranes were graded 1 after 1 hour and were reversible after 72 hrs) – category IV
- Skin sensitization (guinea pigs) – no sensitization

## PRECAUTIONS

- **Ingestion:** *DO NOT* induce vomiting. Give milk or water to drink.
- **Eye contact:** Rinse eyes with water, seek medical advice if necessary.

## WARNINGS

- Do not mix with soaps and other chemicals.
- Avoid contact with eyes.
- Keep out of reach of children, uninformed persons and pets.
- Although this remedy has been extensively tested under a large variety of conditions, failure thereof may ensue as a result of a wide range of reasons. If this is suspected, seek veterinary advice and notify the registration holder.
- Cypermethrin is dangerous to fish or aquatic life. Do not contaminate aquaria, fish bowls, ponds or waterways with the insecticidal product.

## IDENTIFICATION

F10 GERMICIDAL TREATMENT SHAMPOO  
Clear straw coloured liquid with a herbal odour  
F10 GERMICIDAL TREATMENT SHAMPOO WITH INSCETICIDE  
A pale pink liquid with a slight natural odour

## PRESENTATION

A pouring liquid in 250mℓ and 5 litre HPE bottles

## STORAGE INSTRUCTIONS

Store below 30°C in dry conditions

