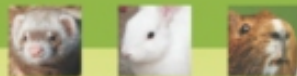




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SKIN TREATMENT

RECOMMENDATIONS FOR USE IN CASES OF CONTAGIOUS SKIN INFECTIONS

APPLICATION	FREQUENCY	SOLUTION /10 LITRES	MINIMUM EXPOSURE
<p>HOUSING 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 F10CL or F10CLXD before washing. Hang to dry / tumble dry.</p> <p>Wash water and feed bowls with warm water and F10CLXD, spray with F10CL and leave to dry.</p> <p>Wash all surfaces (work benches, floors, tables, walls, tiles) with F10CLXD.</p>	<p>Daily</p> <p>Daily</p> <p>Daily</p>	<p>500 ml</p> <p>500 ml</p> <p>500 ml</p>	<p>15 min</p> <p>Leave to dry</p> <p>Leave to dry</p>
<p>STAFF 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 with F10CL or F10CLXD daily.</p> <p>Proper hand decontamination (running water, F10 Hand Scrub and paper towel to dry or use F10 Hand Gel) must be done after any animals or possibly infected material such as bedding had been handled.</p>	<p>Daily</p> <p>In between handling animals</p>	<p>500 ml</p> <p>4 ml as is</p>	<p>Soak 15 min, hang to dry</p> <p>30 sec</p>
<p>GENERAL Grass should be kept short and exposed to as much sun as possible.</p> <p>Carrier boxes must be washed (F10CLXD) and disinfected (F10CL) after every use and left to dry.</p> <p>All cleaning equipment (mops, cloths, brushes) must be washed with F10CLXD and disinfected with F10CL at the end of each day.</p>	<p>After every use</p> <p>At the end of each shift</p>	<p>500 ml</p> <p>500 ml</p>	<p>Leave to dry</p> <p>Hang to dry</p>
<p>ANIMAL TREATMENT 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. Remove all organic material and ointment using an approved irrigation solution before re-applying the ointment.</p>	<p>Every other day or as prescribed by veterinarian</p>	<p>As is</p> <p>As is</p> <p>As is</p>	<p>Leave 15 min rinse</p> <p>Leave 15 min rinse</p> <p>Leave to dry</p>

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PRODUCTS



NATIONAL DISTRIBUTOR



Health and Hygiene

Registration holder:

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Manufactured by:

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

F10[®]

Germicidal Treatment Shampoo

A DERMATOLOGICAL PREPARATION EFFECTIVE AGAINST BACTERIA AND FUNGI AS A SKIN

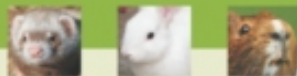
TREATMENT AND TO PREVENT RE-INFECTION, ALSO WITH INSECTICIDE TO REPEL INSECTS

F10[®]

Germicidal Treatment Shampoo with Insecticide



Get the best for your best friends!



PROPRIETARY NAME AND DOSAGE FORM

F10 GERMICIDAL TREATMENT SHAMPOO (pour on) Registration No.: Act 36/1947 G3107, APVMA 58543, VMD Schedule 6 SAES:GMP M7586 WDA 32613.

F10 GERMICIDAL TREATMENT SHAMPOO WITH INSECTICIDE (pour on). Registration No.: Act 36/1947 G4049, SAES - EU Directive 2001/82/EC (art 4.2)

SKIN TREATMENT



Figure 1.
Hair loss

COMPOSITION

Benzalkonium Chloride	0.40g/100ml
Polyhexanide.....	0.03g/100ml
Non toxic ampholytic surfactants and sequesterants	7.81g/100ml
Herbal fragrance	0.2g/100ml
Water	to balance

Insecticide Additions

Cypermethrin	0.25g/100ml
Piperonyl Butoxide	1.25g/100ml

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

SKIN DISEASE

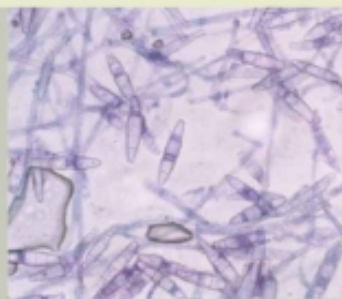


Figure 2.
Ringworm spores

> log⁵ reduction in microbial counts against gram positive and gram 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 treatments 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 may be 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.

Toxicity Test	F10 Germicidal Treatment Shampoo	F10 Germicidal Treatment Shampoo with Insecticide
Acute Oral Toxicity (rats) OPPTS 870.1120	More than 5000mg/kg - Category IV	2000 to 5000mg/kg - EPA Category II
Acute Dermal Toxicity (rats) OPPTS 870.1200	More than 5000mg/kg - Category IV	More than 5000mg/kg - EPA Category IV
Acute Dermal Irritation (guinea pig) OPPTS 870.2500	No dermal irritation - Category IV	Very slight erythema (grade 1) for a few hrs but reversible within 24 hrs - EPA Category IV
Acute Eye Irritation (rabbits) OPPTS 870.2400	No eye irritation - Category IV	After 24hrs contact the cornea and iris showed no reaction. The eyelid membranes were graded 1 after 1 hour and were reversible after 72hrs - EPA Category IV
Skin Sensitization (guinea pig) OPPTS 870.2600	No skin sensitization	No skin 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.
- Do not use insecticide product on domestic cats. ☹️

IDENTIFICATION

F10 GERMICIDAL TREATMENT SHAMPOO.
Clear straw coloured liquid with a herbal odour.
F10 GERMICIDAL TREATMENT SHAMPOO WITH INSECTICIDE.
A colourless 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

SHELF LIFE

3 Years