

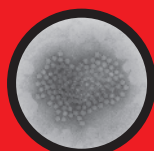
TOPICAL TREATMENT PRODUCT AND INFORMATION GUIDE

F10[®]
PRODUCTS

Health and Hygiene
Animal Health



F10[®]
PRODUCTS



HEAD AND SHOULDERS ABOVE THE REST

Developed and manufactured
by Health and Hygiene (Pty) Ltd

Topical application products for wound management and treatment of dermatological conditions



FIO Germicidal Barrier Ointment^{1,2,3,4}
Reg. No. G3108 Act 36/1947



FIO Germicidal Barrier Ointment with Insecticide^{1,3,4}
Reg. No. G4048 Act 36/1947



FIO Germicidal Treatment Shampoo^{1,2,3}
Reg. No. G3107 Act 36/1947



FIO Germicidal Treatment Shampoo with Insecticide^{1,3}
Reg. No. G4049 Act 36/1947



FIO Germicidal Wound Spray with Insecticide^{1,3,4}
Reg. No. G3818 Act 36/1947

AUTHORISATION

1. South Africa: DAFF, Act 36/1947
2. Australia: APVMA, Reg. No. 58543
3. UK: VMD, SAES
4. USA: FDA, MUMS, Index

Core Actives of the F10® Treatment Products

F10®'s actives are a quaternary ammonium compound, benzalkonium chloride and a biguanide compound, polyhexamethylene biguanide. The antimicrobial mechanism of action of the F10® core actives is derived not only from that of each of the individual compounds but also their novel synergistic action.

F10® works by disrupting the micro-organism's cell membrane, causing it to rupture and effecting cell death.

The F10® treatment products all contain the F10® core actives. It is these actives that give each of the products its unique antimicrobial properties. The core actives are then formulated with additional constituents such as emollients and soaps, to enhance the treatment action of the product and ensure that each of the individual products delivers these antimicrobials in the most efficacious way.

F10® Efficacy and Test Data

The F10® actives have been shown to be effective against a wide range of micro-organisms including bacteria, both enveloped and non-enveloped viruses and fungi and spores. For a review of independent test data please visit www.healthandhygiene.co.za, Efficacy and Safety section.

Authorisation of the F10® Treatment Products in South Africa

All of the F10® topical treatment products have full marketing approval for use on companion and product animals under Daff, Act36/1947 as per the registration references shown for each product.

F10® Personal and Environmental Safety and Stability

The F10® core actives are proven safe with no adverse effects on people, animals or equipment. The products are proven non-toxic, non-irritant and non-corrosive when used at the correct dilutions. When stored correctly independent tests have shown no drop in performance on F10® concentrate after 2 years and diluted solutions after 8 months. The F10® core actives are readily and rapidly biodegradable when exposed to soil, however the insecticidal products containing Cypermethrin must be disposed of responsibly and leakage into or contamination of waterways avoided.

F10® GERMICIDAL BARRIER OINTMENT



F10® Germicidal Barrier Ointment is a multi-purpose broad spectrum preparation effective against a wide range of bacteria, fungi and viruses. The F10® actives are presented in an easily applied preparation containing lanolin to maintain and restore skin viability and with other components assist the ointment to adhere to the skin surface to form an effective antimicrobial barrier to re-infection. The F10® Germicidal Barrier Ointment has been shown to maintain 100% residual action after 5 days.

- **Available in:** 25g tubes and 100g and 500g tubs.
- **Uses of F10® Germicidal Barrier Ointment:** Ideal as a topical application to treat and help prevent re-infection in a number of clinical situations either alone or in conjunction with associated therapies.
 - Treatment of isolated fungal lesions e.g. ringworm on all species of all ages.
 - Superficial skin lesions, burns and open, deep penetrating or contaminated wounds: e.g. Friction burns; foreign body penetrations; bite wounds and open abscesses; scale and shell rot and heater burns in reptiles.
 - Treatment of localized bacterial skin conditions e.g. skinfold dermatitis, hot spot, superficial pyoderma.
- **Directions for best use:** For superficial lesions where appropriate, first clean and flush the lesion with an approved irrigating solution. Aseptically blot dry. F10® Germicidal Barrier Ointment can now be directly applied. Defects can be packed with the Ointment or applied directly to wounds that are then covered by dressings. *Tip: Filling the barrel of a syringe and 'squirting' the ointment can often assist in placing it at the bottom of deep wounds.*

F10® GERMICIDAL BARRIER OINTMENT WITH INSECTICIDE*



F10® Germicidal Barrier Ointment with Insecticide combines the antimicrobial and insecticidal capabilities of the F10® Wound Spray with the barrier and emollient qualities of the F10® Barrier Ointment. It is coloured bright pink to assist in assessing when it is necessary to reapply to ensure maximum antimicrobial and antiparasitic cover - once the colour has faded it is time to reapply - this is generally 5-7 days depending on the area of the body to which it has been applied and the amount of 'wear' this area receives.

- **Available in:** 25g tubes and 100g and 500g tubs.
- **Uses of F10® Germicidal Barrier Ointment with Insecticide:**
 - Use in situations where open wounds may be susceptible to fly-strike by applying or packing the wound as for F10® Germicidal Barrier Ointment.
 - Use post fly-strike to treat the damaged tissue to promote normal healing and help prevent re-infestation.

Not for use on domestic cats. 

F10® GERMICIDAL TREATMENT SHAMPOO

F10® Germicidal Treatment Shampoo combines the F10® core actives in a shampoo base. The F10® actives in the Treatment Shampoo are highly efficient at treating yeast (*Malassezia*) and fungal conditions, such as ringworm¹, as well as helping to control superficial and secondary bacterial infections.

¹ Remember when treating ringworm it is important to 'treat' the animal's environment and to be aware of the zoonotic implication of the disease. The F10 Product range contains both personal hand care products and safe environmental disinfectants for the control of collateral spread.



- **Available in:** 250ml and 5L bottles
- **Directions for use:**
 - For heavily soiled coats it may be necessary to pre-wash using F10® Germicidal Treatment Shampoo to break down the natural oils in the coat. Wash off and immediately wash again with F10® Germicidal Treatment Shampoo.
 - Where a preliminary wash was not necessary, thoroughly wet the coat and work the shampoo all over the body and into a lather.
 - Leave for 15 minutes or longer if possible or leave dry, or rinse off with clean water. Repeat the treatment every other day for up to three times.
- **Uses:** Skin conditions of bacterial, fungal or viral origin in dogs, cats, small mammals and horses of all ages e.g.
 - Bacterial infections : Dermatitis and Pyoderma associated with gram positive (*Staphylococcus* spp) and gram negative (*Pseudomonas* spp) bacteria.
 - Fungal infections: Dermatophytosis associated with *Microsporum* spp (Ringworm).
 - Yeast infections: *Malassezia*.
 - Viral infections: Removal of Canine Parvo Virus particles from dog fur post recovery to prevent the spread of disease.

F10® GERMICIDAL TREATMENT SHAMPOO WITH INSECTICIDE*

F10® Germicidal Treatment Shampoo with Insecticide combines all the antimicrobial benefits of the F10® Germicidal Treatment Shampoo with the inclusion of cypermethrin insecticide which gives additional control against fleas, lice and deters flies (including sandflies).



- **Available in:** 250ml and 5L bottles
- **Directions for use:**
 - For heavily soiled coats it may be necessary to pre-wash using F10® Germicidal Treatment Shampoo to break down the natural oils in the coat. Wash off and immediately wash again with F10® Germicidal Treatment Shampoo.
 - Where a preliminary wash was not necessary, thoroughly wet the coat and work the shampoo all over the body and into a lather.
 - Leave for 15 minutes or longer if possible or leave dry, or rinse off with clean water. Repeat the treatment every other day for up to three times.

Not for use on domestic cats. 



F10® Germicidal Wound Spray with Insecticide is a spot treatment which combines the antimicrobial action of F10®SC Disinfectant with the added insecticidal activity of Cypermethrin (0.25%) and Piperonyl Butoxide (1.25%) to produce a ready-to-use topical, spot-on application spray. The antimicrobial action of the F10® actives provide local antibacterial cover to assist wound healing (and reduce fly-attracting putrefactive odours) whilst the cypermethrin both repels and kills insects and their larvae. It is commonly used in the prevention and treatment of myiasis.

- **Available in:** 5L, 500ml and 100ml spray bottles
- **Uses of F10® Germicidal Wound Spray with Insecticide:**



- **Wound Treatment:** The F10® core actives in the F10® Wound Spray with Insecticide will treat infected wounds and act as a barrier to re-infection of open wound sites e.g. trauma, castration, de-budding, de-horning, dart wounds, abscesses.
- **Insect repellent:** Where there is a risk of fly-strike e.g. diarrhoea, urinary incontinence, wound drainage, a single application of the product will protect the site against blow flies and other insects for up to 5 days.
- **Fly strike Treatment:** One initial application of 2 – 3 sprays of the F10® Wound Spray on an infested area will result in the immediate migration away from the site and death of all maggots within 30 minutes – no need for mechanical removal of larvae.
- Where wounds are inaccessible e.g. within the spines of a hedgehog or foot rot in cloven-hoof animals, the F10® Wound Spray with Insecticide can successfully be used as an alternative to the F10® Germicidal Barrier Ointment with Insecticide.



• *Treatment of lice and ticks:*

- Lice and ticks found on small furries and wild animals such as hedgehogs can be safely treated and controlled by regular treatment with F10® Germicidal Wound Spray with Insecticide.
- Treatment of reptiles with lice can safely be achieved by routine regular application.

Not for use on domestic cats.

***Warning - The F10® Germicidal Wound Spray with Insecticide, F10® Germicidal Barrier Ointment with Insecticide and F10® Germicidal Treatment Shampoo with Insecticide all contain Cypermethrin. They should therefore not be used on cats or near aquatic life.**



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of F10 Products:**

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