



F10  
PRODUCTS



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F10<sup>®</sup>  
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ANTISEPTICS

### Wound irrigation and lavage

- Using normal saline prepare a solution of 1:250 of F10 Antiseptic Solution Concentrate or use the F10 Antiseptic Solution (RTU) and irrigate or lavage as necessary.

### Skin decontamination

- Using clean or distilled water prepare a solution of 1:250 of F10 Antiseptic Solution Concentrate or use the F10 Antiseptic Solution (RTU). Apply topically as a wash, soak, spray or by fogging and leave to air dry.

### 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.

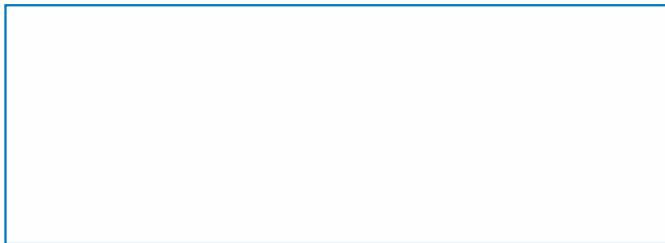
### IDENTIFICATION

Clear liquid with a slight natural odour

### STORAGE INSTRUCTIONS

Store below 30°C in dry conditions

F10<sup>®</sup>  
PRODUCTS



Health and Hygiene

Registration holder:

Health and Hygiene (Pty) Ltd (Reg. No. 94/00853/07)  
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 PO Box 906, Florida Hills, 1716, South Africa  
 Tel: +27 11 474 1668 • Fax: +27 11 474 1670  
 www.healthandhygiene.co.za • www.f10products.co.za

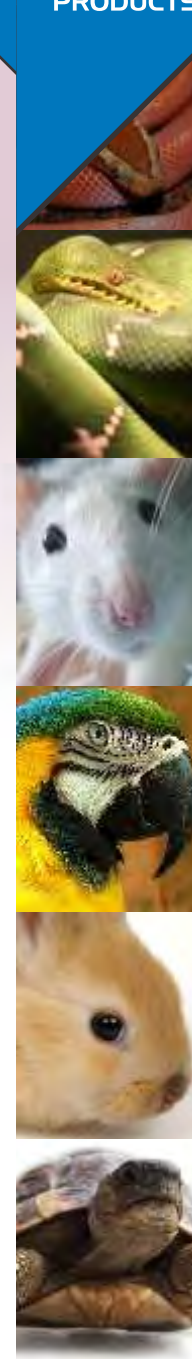
Manufactured by:

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

F10<sup>®</sup>  
Antiseptic  
Solution  
Ready to use

NEBULISING, FOGGING,  
NASAL AND  
SINUS FLUSHING,  
WOUND IRRIGATION AND  
LAVAGE, SKIN  
DECONTAMINATION

F10<sup>®</sup>  
Antiseptic  
Solution  
Concentrate



Get the best for your best friends!



Figure 3.  
Nebulising a  
Burmese  
Python



**PROPRIETARY NAME AND DOSAGE FORM**

**F10 ANTISEPTIC SOLUTION (CONCENTRATE)**  
(Liquid, dilute as directed, in 100ml, 200ml, 1 litre and 5 litre)  
**F10 ANTISEPTIC SOLUTION (RTU)**  
(Liquid, ready to use, in 1 litre)

**REGISTRATION NO**

Reg No. G3070 Act 36/1947VMD Schedule 6 SAES:GMP M7586 WDA 32613, GNR529/29990/040/150, and FDA MUMS Index, MIF 900-011.

**COMPOSITION (CONCENTRATE)**

Benzalkonium Chloride ..... 5.40g/100ml  
Polyhexanide ..... 0.40g/100ml  
Non toxic ampholytic surfactants, sequesterants and Water ..... to balance

**COMPOSITION (RTU)**

Benzalkonium Chloride ..... 0.022g/100ml  
Polyhexanide..... 0.002g/100ml  
Non toxic ampholytic surfactants, sequesterants and Water ..... to balance

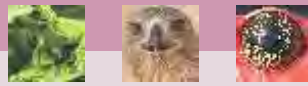
pH ..... 7.5

**INDICATIONS**

To prevent and treat respiratory diseases, for nasal and sinus flushing, for wound irrigation, lavage and skin decontamination.



**Figure I.**  
F10 solution administered through the nares



**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 this product F10 has been assessed as giving a > log<sup>4-6</sup> reduction in microbial counts against Gram positive and Gram negative bacteria, fungi and yeasts, enveloped and non-enveloped viruses and spores. A table of the indicator organisms used is shown below:-

**BACTERIA, FUNGI, VIRUSES, SPORES**

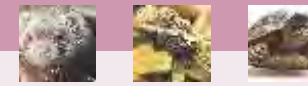
BACTERIA (gram positive and gram negative (spp))		FUNGI, YEASTS and MOULDS (spp)	VIRUSES (enveloped and non-enveloped)	SPORES (bacterial and fungal) spp
Acinetobacter	Listeria	Aspergillus	Adenovirus	Aspergillus
Campylobacter	MRSA	Candida	Avian Influenza H5N2 HPA1	Bacillus
Chlamydomphilia	Mycobacterium	Microsporium	Canine parvovirus	Microsporium
Clostridium	Mycoplasma	Penicillium	Circovirus	Penicillium
Cholera	Micrococcus	Trichophyton	Enterovirus	Trichophyton
Corynebacterium	Ornithobacterium Rhinotracheale		Feline Herpesvirus	
Citrobacter	Pasteurella		Hepatitis B	
Enterococcus	Proteus vulgaris		HIV	
Enterobacter	Pseudomonas		IBD	
Escherichia coli	Salmonella		Newcastle Disease	
Klebsiella	Staphylococcus		Rabies	
Leptospira	Streptococcus			

**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. As used values are:

**F10 Antiseptic Solution 1:250 use dilution**

Toxicity Test	F10 Antiseptic Solution (1:250)
Acute Oral Toxicity (rats) OPPTS 870.1100	More than 5000mg/kg - EPA Category IV
Acute Dermal Toxicity (rats) OPPTS 870.1200	More than 5000mg/kg - Category IV
Dermal Irritation (guinea pigs) OPPTS 870.2500	No dermal irritation - Category IV
Acute Eye Irritation (rabbits) OPPTS 870.2400	No eye irritation - Category IV
Skin Sensitisation (guinea pigs) OPPTS 870.2600	No skin sensitization
Acute Inhalation Toxicity OPPTS 870.1300	More than 2mg/litre - Category IV



**RESIDUES (Avian model)**

A 35 day trial using day old broiler chicks restricted to treated drinking water (1:250 F10SC) showed no residues in tissues of breast and thigh meat, liver and kidney.



**Figure 2.**  
Purpose built chamber to nebulise using F10

**BIODEGRADABLE**

Zero hazard rating in terms of EU Standards

**STABILITY**

The shelf life of an unopened pack is 4 years. The diluted solution will remain stable for at least a 3 month period.

**DOSAGE AND DIRECTIONS FOR USE**

- Use only as directed.

*Prevention and treatment of respiratory diseases*

- Using clean or distilled water prepare a solution of 1:250 of F10 Antiseptic Solution Concentrate or use the F10 Antiseptic Solution (RTU).
- Administer topically using a nebuliser or fogger for 20 to 30 minutes twice daily or as directed by the veterinarian.

*Nasal and Sinus Flushing to remove accumulated mucus and inflammatory material*

- Using normal saline prepare a solution of 1:250 of F10 Antiseptic Solution Concentrate or use the F10 Antiseptic Solution (RTU). Restrain the animal with its head downwards to avoid aspiration and syringe the cavity as necessary.