



HEALTH AND HYGIENE Safety Data Sheet

Product: F10 Antiseptic Solution (Concentrate)

Revision Date: 1 March 2016

Revision Number:001

Print date:30 March 2016

NOTE: To further assist with the interpretation of the MSDS, explanatory notes have been added in italics

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product identifier

Product Name: **F10 Antiseptic Solution (Concentrate)**

Relevant identified uses of the substance or mixture and uses advised against

For the treatment and control of upper and lower respiratory tract disease associated with bacterial, fungal, or viral organisms susceptible to benzalkonium chloride and polyhexanide in raptors, pet birds, captive small mammals, and captive reptiles. For use as a topical antiseptic for surface wounds on raptors, pet birds, captive small mammals, captive reptiles, and captive exotic/zoo mammals. Use only when there is a reasonable certainty that the treated animal will not be consumed by humans or food-producing animals.

Details of the supplier of the safety data sheet

Company name: Health and Hygiene (Pty) Ltd

Full address: PO Box 906, Florida Hills 1716, South Africa.

Telephone number: +27 11 474-1668

E-mail address of competent person responsible for the SDS: info@healthandhygiene.co.za

Emergency telephone number

Emergency telephone number: +27 11 474-1668

Hours of operation: 8:00am to 4:30pm

Service is provided in the following language: English

SECTION 2: Hazards identification (refers to the F10 Antiseptic Solution Concentrate undiluted product)

Classification of the substance or mixture

According to GHS classification

Danger

Hazard class	Hazard category	Classification procedure
Eye irritation	1	On the basis of GLP test data
May cause long term adverse effects to aquatic life	3	According to GHS criteria

Hazard statements

H318: Causes serious eye damage

H412: Harmful to aquatic life with long lasting effects.



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Label elements



Precautionary Statements

P264: Wash Hands thoroughly after handling

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists. Get medical advice/attention.

P273: Avoid release into the environment

P501: Dispose of container in suitable manner as is required by country legislation.

P101: If medical advice is needed, have product container or label at hand

P102: Keep out of reach of children

P103: Read label before use

SECTION 3: Composition/information on ingredients based on 100% pure material

Ingredients

Name	CAS Number	Proportion
Benzalkonium chloride	68424-85-1	5.4% w/w
Polyhexanide	27083-27-8	0.4% w/w
Ingredients determined not to be hazardous		to 100%

SECTION 4: First aid measures

Description of first aid measures

Following contact with eyes

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing for at least 15 minutes, or until advised to stop by the Poisons Information Centre or a doctor, Seek immediate medical attention.

Following skin contact

Remove all contaminated clothing immediately. Wash affected area thoroughly with soap and water. Wash contaminated clothing before reuse or discard.



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Following inhalation

Move the person to fresh air. Contact a physician if required.

Following ingestion

Do not induce vomiting. Wash out mouth thoroughly with water.

Most important symptoms and effects, both acute and delayed

Eyes: May be some pain and reddening of the eye, which will moderate after some time

Skin: None

Inhalation: None

Ingestion: Ingestion of the concentrate may cause irritation to mouth, throat and digestive tract

Environment: Is known to cause long term adverse effects in an aquatic environment. (Refers to the F10 Antiseptic Solution Concentrate undiluted product)

Indication of any immediate medical attention and special treatment needed

Follow First Aid Procedures.

SECTION 5: Fire-fighting measures

Suitable Extinguishing media

Use appropriate fire extinguisher for surrounding environment.

Hazards from Combustion Products

Non-combustible material.

Specific Hazards Arising from the chemical

This product is non-combustible. However heating can cause expansion or decomposition leading to violent rupture of containers.

Special protective equipment and precautions for fire fighters

Fire fighters should wear full protective clothing and self- contained breathing apparatus (SCBA) operated in positive pressure mode. Fight fire from safe location



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SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear appropriate personal protective equipment and clothing to prevent exposure to clothing, skin and eyes. Increase ventilation. Dispose of waste according to the applicable local and national regulations.

Environmental precautions

If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

Methods and materials for containment and clean up

If possible contain the spill. Place inert absorbent material onto spillage. Collect the material and place into a suitable container. Do not dilute material but contain it.

SECTION 7: Handling and storage

Precautions for safe handling

Avoid skin or eye contact. Keep containers sealed when not in use. Maintain high standards of personal hygiene i.e. washing hands prior to eating, drinking, and smoking or using toilet facilities.

Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well ventilated area, out of direct sunlight. Store in suitable, labelled containers. Keep containers tightly closed. Store away from incompatible materials. Ensure that storage conditions comply with applicable local and national regulation.

SECTION 8: Exposure controls/personal protection

Occupational Exposure Limits:

No exposure standards have been established for the mixture. However, over-exposure to some chemicals may result in enhancement of pre-existing adverse medical conditions and/or allergic reactions and should be kept to the least possible levels

Engineering Control Measures

None required

Personal Protection

Respiratory – None required

Skin – None required, however care should be exercised to prevent contact with skin

Eye – Wear required eye protection



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SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance:	clear, colourless liquid.
Odour:	slight natural odour
pH:	7.5
Boiling point:	100°C
Flash point:	not flammable
Flammability:	not flammable
Explosive properties:	not explosive
Oxidising properties:	none
Vapour pressure:	not known
Density:	1.0
Solubility-water:	soluble
Partition coefficient	not known
Auto-ignition temperature	not available
Decomposition temperature	not available
Viscosity	5mpa

SECTION 10: Stability and reactivity

Reactivity.

Non-reactive under normal conditions.

Chemical stability

Stable under normal conditions of storage and handling

Possibility of hazardous reactions

Not applicable.



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SECTION 11: Toxicological information

Information on toxicological effects

Toxicity	Packed Concentrate	Use Dilutions (1:100 and higher)
Acute Oral Toxicity: (Rat)	Toxicity>2000mg per kg	No toxicity (>200000mg per kg)
Acute Dermal Toxicity: (Rat)	Toxicity >5000mg per kg	No toxicity (>500 000mg per kg)
Acute Eye Irritation	Causes serious eye damage	None
Acute Dermal Irritation	None	None
Acute Inhalation Toxicity	None	None
Skin Sensitization	Not a skin sensitizer	Not a skin sensitizer
Carcinogenicity, mutagenicity And toxicity for reproduction	Based on data for the raw materials, no carcinogenic, mutagenic or toxicity for reproduction is predicted	

The information below refers to the F10 Antiseptic Solution Concentrate undiluted product)
Ingestion

Ingestion of this product may irritate the gastric tract causing nausea and vomiting.

Inhalation

None

Skin

None

Eye

May Cause eye damage.

Respiratory sensitisation

Not a respiratory sensitiser.

Skin Sensitisation

Not a skin sensitiser.

STOT-single exposure

Not expected to cause toxicity to a specific target organ.

STOT-repeated exposure

Not expected to cause toxicity to a specific target organ.

Aspiration Hazard

Not expected to be an aspiration hazard.



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SECTION 12: Ecological information

Eco toxicity

The available ecological data is given below.

Persistence and degradability

Biodegradable

Mobility

Not mobile

Bioaccumulative Potential

Not available

Other Adverse Effects

Not available

Environmental Protection

Prevent this material entering waterways, drains and sewers.

Acute Toxicity – Fish

LC50 (fish): Not available

Acute Toxicity – Daphnia

LC50 (Daphnia): Not available

SECTION 13: Disposal considerations

13.1. Disposal methods

Dispose of in accordance with local regulations.

SECTION 14: Transport information

UN Number: None allocated

UN Proper Shipping Name: None allocated

Transport Hazard Classes

None allocated

IMDG Marine pollutant

No



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SECTION 15: Regulatory information

Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS)

Not approved by the FDA. Legally marketed as an FDA Indexed Product under MIF 900-007

SECTION 16: Other information

Date of preparation or last revision of SDS

SDS Created: March 2016. Prepared according to: Globally Harmonized System of classification and labelling of chemicals (GHS) and FDA requirements.