



HEALTH AND HYGIENE Safety Data Sheet

Product: F10SC Veterinary Disinfectant

Revision Date: 26 June 2017

Revision Number:003

Print date:27 June 2017

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: F10SC Veterinary Disinfectant

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

F10SC Veterinary Disinfectant is an antimicrobial disinfectant solution.

Australian Distributor

Chemical Essentials
Unit 25, 26 Burgess Road, Bayswater North, Victoria 3153.

Telephone number: + 61 3 8821 0025
Fax: + 61 3 8648 0635
E-mail: chemicalessentials@bigpond.com
Web: www.chemicalessentials.com.au

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
Australian Poison Information Centre 13 11 26.

SECTION 2: Hazards identification (refers to the F10SC Veterinary Disinfectant undiluted product)

Classification according to GHS as adopted by Australia:

Signal Word
Danger

Hazard class	Hazard category	Classification procedure
Eye damage/irritation	1	On the basis of GLP test data
Chronic Aquatic toxicity	3	GHS classification



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Hazard statements

H318: Causes serious eye damage

H412: Harmful to aquatic life

Corrosion



Precautionary statement - Prevention

P280: Wear correct eye safety equipment when handling this mixture.

P273: Avoid release into the environment

Precautionary statements – Response

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

P302+P352 IF ON SKIN: Wash with plenty of soap and water

P310: Immediately contact a Poison centre or doctor/physician.

SECTION 3: Composition/Information on ingredients

Ingredients

Name	CAS Number	Proportion
Benzalkonium chloride	68424-85-1	1-10 %
Polymeric Biguanide Hydrochloride	27083-27-8	0.1-1 %
Ingredients determined not to be hazardous		Balance

SECTION 4: 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.



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Following skin contact

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

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.

First Aid Facilities

Eye wash, safety shower and normal washroom facilities.

Advice to Doctor

Treat symptomatically.

Other information

For advice in an emergency, contact a Poison Information Centre or a doctor at once (1311 26).

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.

Decomposition Temperature

Not available

Precautions in connection with Fire

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

Emergency procedures

Wear appropriate personal protective equipment and clothing to prevent exposure. Increase ventilation. 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. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

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, 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 limit values

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.

Biological Limit Values

No biological limits allocated

Appropriate Engineering Controls

No engineering controls required



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Respiratory Protection

No respiratory protection required

Eye Protection

Safety glasses should be used. Eye protection devices should conform to relevant regulations. Eye protection should conform to Australian / New Zealand Standard AS/NZS 1337 – Eye Protection for Industrial Applications

Hand Protection

Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Occupational protective gloves should conform to relevant regulations. Reference should be made to AS/NZS 2161.1: Occupational protective gloves – Selection, use and maintenance.

SECTION 9: Physical and chemical properties

Appearance:	clear, colourless liquid.
Odour:	slight natural odour
Odour threshold:	not available
pH:	7.5
Melting point/freezing point	not available
Boiling point:	100°C
Flash point:	not available
Evaporation rate	not available
Flammability:	not flammable
Vapour pressure:	not available
Vapour density (air=1)	not available
Density:	1.0
Solubility in water:	soluble
Partition coefficient	not known
Auto-ignition temperature	not available
Decomposition temperature	not available
Viscosity	5mpa



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SECTION 10: Stability and reactivity

Chemical stability

Stable under normal conditions of storage and handling.

Reactivity and Stability

Stable under normal conditions of storage and handling

Conditions to Avoid

Do not mix with soaps and other chemicals.

Incompatible materials

Anionic detergents / chemicals.

Hazardous Decomposition Products

Not available

Possibility of hazardous reactions

Not available

Hazardous Polymerization

No hazardous polymerisation

SECTION 11: Toxicological information

Toxicity	Packed Concentrate	Use Dilutions (1:100 and higher)
Acute Oral Toxicity: (Rat)	No Toxicity>2000mg per kg	No toxicity (>200000mg per kg)
Acute Dermal Toxicity: (Rat)	No 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	

Ingestion

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



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Inhalation

None

Skin

None

Eye

Causes serious eye damage.

Respiratory sensitisation

Not expected to be a respiratory sensitiser.

Skin Sensitisation

Not expected to be a skin sensitiser.

Germ cell mutagenicity

Not considered to be a mutagenic hazard.

Carcinogenicity

Not considered to be a carcinogenic hazard.

Reproductive Toxicity

Not considered to be toxic to reproduction

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.

SECTION 12: Ecological information

Eco toxicity

The available ecological data is given below.

Persistence and degradability

Biodegradable

Mobility

Not mobile



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Bioaccumulative Potential

Not available

Other Adverse Effects

Not available

Environmental Protection

Prevent this material entering waterways, drains and sewers.

Acute Toxicity – Fish

LC50 (fish): 16mg/l

Acute Toxicity – Daphnia

LC50 (Daphnia): 0.9mg

SECTION 13: Disposal considerations

The disposal of the spill waste material must be done in accordance with applicable local and national regulations.

SECTION 14: Transport information

Transport Information

Road and Rail Transport (ADG Code):

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) (7th edition).

Marine Transport (IMO/IMDG):

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Air Transport (ICAO/IATA):

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

U.N. Number

None Allocated

UN Proper Shipping Name

None allocated



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Transport hazard class(es)

None allocated

IMDG Marine pollutant

No

SECTION 15: Regulatory information

APVMA Registration Number: 54149

Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHA) including Work, Health and Safety regulations, Australia.

Poisons

Not scheduled

SECTION 16: Other information

16.1 Abbreviations and acronyms

CAS	Chemical Abstracts Service
CLP	Classification, labelling and packaging (Regulation (EC) No 1272/2008)
PBT	Persistent, bio-accumulative and toxic
REACH	Registration, Evaluation and Authorisation of Chemicals
SDS	Safety Data Sheet
vPvB	Very persistent, very bio-accumulative
w/w	Weight by weight

Other Information

Date of preparation or last revision of SDS

SDS Created: June 2017

References

Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice

Standard for the Uniform Scheduling of Medicines and Poisons.

Australian Code for the Transport of Dangerous Goods by Road & Rail.



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Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.

Workplace exposure standards for airborne contaminants, Safe work Australia

American Conference of Industrial Hygienists (ACGIH)

Globally Harmonised System of classification and labelling of chemicals as adopted by Australia