



HEALTH AND HYGIENE Safety Data Sheet

Product: F10 Sterilant

Revision Date: 13 May 2015

Revision Number: 002

Print date: 09 July 2015

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

1.1 Product identifier

Product Name: F10 Sterilant

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

Biodegradable ready to use sterilizing solution for heat sensitive devices and surgical instruments

1.3. 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

1.4. 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

2.1. Classification of the substance or mixture

2.1.1 According to CLP Regulation (EC 1272/2008)

None

2.2. Label elements

According to Regulation (EC) No 1272/2008

None

2.3. Other hazards

F10 Sterilant does not meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH (Regulation (EC) No 1907/2006).



HEALTH AND HYGIENE Safety Data Sheet

Product: F10 Sterilant

Revision Date: 13 May 2015

Revision Number: 002

Print date: 09 July 2015

SECTION 3:

3.1. MIXTURES

Quaternary ammonium and biguanidine compounds (0.058%), non-toxic ampholytic surfactants and sequestrants and rust inhibitor

SECTION 4: First aid measures

4.1. Description of first aid measures

If swallowed: None required

If in eyes: None required

If on skin: None required

4.2. Most important symptoms and effects, both acute and delayed

Eyes: None

Skin: None

Ingestion: None

Environment: None

4.3. Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media is not required as F10 Sterilant is not flammable.

5.2. Special hazards arising from the substance or mixture

None

5.3. Advice for fire-fighters

None



HEALTH AND HYGIENE Safety Data Sheet

Product: F10 Sterilant

Revision Date: 13 May 2015

Revision Number: 002

Print date: 09 July 2015

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel

None required

6.1.2 For emergency responders

Emergency procedures are not required.

6.2. Environmental precautions

Do not flush into surface water or the sanitary sewer system or into bodies of water (e.g. streams).

6.3. Methods and material for containment and cleaning up

Soak up with an inert absorbent material, such as dry earth. Keep in suitable containers for disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

7.1.1 Protective measures

Not required

Measures to prevent fire

Not applicable.

Measures to prevent aerosol and dust generation

Not applicable.

Measure to protect the environment

Do not dispense into aquatic systems

7.1.2 Information on general occupational hygiene

Do not handle or store near food and beverages or smoking materials.

7.2. Conditions for safe storage, including any incompatibilities

F10 Sterilant must be stored under 30°C/86°F in dry conditions.

7.3. Specific end use(s)

No additional information for the specific end uses (see section 1.2).



HEALTH AND HYGIENE Safety Data Sheet

Product: F10 Sterilant

Revision Date: 13 May 2015

Revision Number: 002

Print date: 09 July 2015

SECTION 8: Exposure controls/personal protection

8.1. Occupational Exposure Limits:

No data available.

8.2. Engineering Control Measures

None required

8.3 Personal Protection

Respiratory – None required

Skin – None required.

Eye – None required

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:	clear, colourless liquid.
Odour:	slight natural odour
pH:	6 to 8
Boiling point:	100°C
Flash point:	not flammable
Flammability:	not flammable
Explosive properties:	not explosive
Oxidising properties:	none
Vapour pressure:	not known
Density:	1.00
Solubility-water:	soluble

9.2. Other information

Not applicable.

SECTION 10: Stability and reactivity

10.1. Reactivity.

Non-reactive under normal conditions.



HEALTH AND HYGIENE Safety Data Sheet

Product: F10 Sterilant

Revision Date: 13 May 2015

Revision Number: 002

Print date: 09 July 2015

10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

Not applicable.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicity	
Acute Oral Toxicity: (Rat)	No toxicity
Acute Dermal Toxicity: (Rat)	No toxicity
Acute Eye Irritation	None
Acute Dermal Irritation	None
Acute Inhalation Toxicity	No toxicity
Skin Sensitization	Not a skin sensitizer
Carcinogenicity, mutagenicity And toxicity for reproduction	None

SECTION 12: Ecological information

12.1. Eco toxicity Values:

Not classified

12.2. Persistence and degradability

Not classified

12.3. Bioaccumulative potential

No known adverse effects from normal use.

12.4. Mobility in soil

F10 Sterilant is immobile in soil.



HEALTH AND HYGIENE Safety Data Sheet

Product: F10 Sterilant

Revision Date: 13 May 2015

Revision Number: 002

Print date: 09 July 2015

12.5. Results of PBT and vPvB assessment

This product is not identified as a PBT substance.

12.6. Other adverse effects

Not relevant.

SECTION 13: Disposal considerations

13.1. Disposal methods

Dispose of in accordance with local regulations.
Do not dispose of into sewage systems or surface waters.

SECTION 14: Transport information

This product does not require a transport classification.

SECTION 15: Regulatory information

15.1. Chemical Safety Assessment

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

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



HEALTH AND HYGIENE Safety Data Sheet

Product: F10 Sterilant

Revision Date: 13 May 2015

Revision Number: 002

Print date: 09 July 2015

16.2 Additional Information

SDS Created: June 2015. Prepared according to According to CLP Regulation (EC 1272/2008)

16.3 Training advice

Companies utilising this product must ensure that the relevant personnel read, understand and apply the requirements of this data sheet.

16.4 Disclaimer

The information on this data sheet is based on the current available knowledge and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging.