



HEALTH AND HYGIENE
Safety Data Sheet
according to Regulation (EC) No 1907/2006 (REACH)

Product Name: F10 Ready to Use Disinfectant
Print date: 2021-02-17
Version: 004

Revision date: 2021-02-10

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

1.1 Product identifier:

Mixtures

Trade name F10 VETERINARY DISINFECTANT READY TO USE

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

A broad-spectrum disinfectant solution for everyday use on hard surfaces.

1.3 Details of the supplier of the safety data sheet:

Name: Health and Hygiene (Pty) Ltd
Address: Corner Leader and Hoefsmidt Street, Stormill Ext 10,
Roodepoort, 1709 South Africa
Information contact: +27 11 474-1668
E-Mail : info@healthandhygiene.co.za

1.4 EMERGENCY TELEPHONE NUMBER: +27 11 474 1668

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture:

None

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]

Signal word:
None

Hazard statements:
None



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Precautionary statements:

P280: Wear correct eye safety equipment when handling this mixture.
P273: Avoid release into the environment
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Contact Poison centre/doctor/physician.
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

Supplemental Hazard information:

None

2.3 Other hazards

None

SECTION 3. Composition/information on ingredients

3.2 Mixtures

Description of the mixture:

An Aqueous solution of a mixture of substances as indicated in table below.

Hazardous ingredients

Name	CAS No. and EC No.	Classification according Regulation (EC) No. 1272 [CLP]	Concentration
Benzyl (C12-16) Alkyl Dimethyl Ammonium chloride	68424-85-1 270-325-2	Acute Tox.; 4; H302/ Skin Corr.; 1B; H314. Aquatic Acute; 1; H400/ Aquatic Chronic; 1; H410	0.02 %



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Poly (hexamethylene biguanide) Hydrochloride	27083-27-8 605-233-7	Acute Tox.; 4; H302/ Acute Tox.; 2; H330 Eye Dam.; 1; H318/ Skin Sens.; 1B; H317/ Carc.; 2; H351/ STOT RE1; H372/ Aquatic Acute; 1; H400/ Aquatic Chronic; 1; H410	0.002 %
Ingredients determined not to be hazardous			Balance

Additional information:

Full text of H- and EUH-phrases: see SECTION 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

In case of concern or doubt, call a doctor or physician.

Following inhalation

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

Following skin contact

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

Following eye contact

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing for at least 15 minutes.

Following ingestion

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

4.2 Most important symptoms and effects, both acute and delayed



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

Skin: None

Inhalation: None

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

Environment: Is known to cause long term adverse effects in an aquatic environment.

4.3 Indication of any immediate medical attention and special treatment needed

Notes for the doctor

Treat symptomatically.

Special treatment

Follow First Aid Procedures.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Use appropriate fire extinguisher for surrounding environment.

Unsuitable extinguishing media

Do not extinguish with water under high pressure

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Non-combustible material.

5.3 Advice 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

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Protective equipment
None

Emergency procedures

For emergency responders

Have a copy of the SDS available. Use appropriate personal protective equipment.

6.2 Environmental precautions

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

6.3 Methods and material for containment and cleaning up

For containment

If possible, contain the spill.

For cleaning up

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

6.4 Reference to other sections

See section 8 and 13 for exposure control/personal protection equipment and disposal considerations.

SECTION 7: Handling and storage

7.1 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.



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7.2 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.

7.3 Specific end uses

See section 1 for identified uses

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

No exposure standards have been established for the mixture.

Biological limit values

No biological limits allocated

Exposure limits at intended use

DNEL/PNEC-values:

No data available

8.2 Exposure controls

Appropriate engineering controls

Handle in premises with good ventilation. Eye rinsing facilities shall be available at the workplace.

Personal protective equipment

Eye / Face protection

None

Skin protection

None required.



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Respiratory protection

No respiratory protection required

8.2.3 Environmental exposure controls:

See Section 12 for limitations on environmental exposures

SECTION 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	clear, colourless liquid.
Odour:	characteristic 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 combustible
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

9.2 Other information:

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

The product contains no substances which can lead to hazardous reactions at normal use.

10.2 Chemical stability



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Stable under normal conditions of storage and handling.

10.3 Possibility of hazardous reactions

Stable under normal conditions of storage and handling

10.4 Conditions to avoid:

Do not mix with soaps and other chemicals.

10.5 Incompatible materials:

Anionic detergents / chemicals.

10.6 Hazardous decomposition products:

Not available

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Toxicity	RTU Mixture
Acute Oral Toxicity: (Rat)	No toxicity, Category IV
Acute Dermal Toxicity: (Rat)	No toxicity, Category IV
Acute Eye Irritation	None, Category IV
Acute Dermal Irritation	None, Category IV
Acute Inhalation Toxicity	None
Skin Sensitization	Not a skin sensitizer
STOT SE	No known hazards for occasional exposure
STOT RE	No known hazards for repeated exposure
Carcinogenicity, mutagenicity And toxicity for reproduction	Based on data for the raw materials, no carcinogenic, mutagenic or toxicity for reproduction is predicted



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Aspiration hazard

Not expected to be an aspiration hazard.

SECTION 12: Ecological information

12.1 Toxicity:

Aquatic toxicity

Acute chronic toxicity to aquatic life

LC50 – Fish: No data available for mixture

EC50 – Daphnia magna: No data available for mixture

12.2 Persistence and degradability

Biodegradable

12.3 Bio accumulative potential

This product or its constituents are not expected to accumulate in nature.

12.4 Mobility in soil

The product is miscible with water and is therefore variable in soil and water.

12.5 Results of PBT and vPvB assessment

None of the substances in this mixture is considered to be persistent, bioaccumulating and toxic or considered to be very persistent and very bioaccumulating.

12.6 Other adverse effects:

Some of the substances is very toxic to aquatic organisms and may cause long-term adverse effects in the aquatic environment.



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SECTION 13: Disposal considerations

13.1 Waste treatment methods

Directive 2008/98/EC (Waste Framework Directive)

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

SECTION 14: Transport information

Where not otherwise stated the information applies to all the UN Model Regulations, i.e. ADR (road), RID (railway), AND (inland waterways), IMDG (sea) and ICAO (IATA (Air)

14.1 UN No.

Not classified as dangerous goods

14.2 UN Proper shipping name

None allocated

14.3 Transport hazard class(es)

Not applicable

14.4 Packing group

Not applicable

14.5 Environmental hazards

Not applicable

14.6 Special precautions for user

Not applicable

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

14.8 Other transport information

Not applicable



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SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Classified as non-hazardous according to SANS 10234:2008: Globally Harmonised System of Classification and labelling of Chemicals (GHS).

15.2 Chemical Safety Assessment

No chemical safety assessment has been performed for this mixture.

SECTION 16: Other information

16.1 Indication of changes

New format

16.2 Abbreviations and acronyms

CAS	Chemical Abstracts Service
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

16.3 Key literature references and sources for data

Primary data for the calculation of the hazards has preferentially been taken from the official European classification list, 1272/2008 Annex I as well as from actual test data performed on the product itself.

16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1207/2008 [CLP]

All classifications were done as per available test data or as per official European classification as listed per CLP and GHS regulations

16.5 Relevant R-, H- and EUH-phrases (number and full text)

H302 Harmful if swallowed

H314 Causes severe skin burns and eye damage H400 Very toxic to aquatic life



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- H318 Causes serious eye damage H330 Fatal if inhaled
- H317 May cause an allergic skin reaction
- H351 Suspected of causing cancer
- H372 Causes damage to organs through prolonged or repeated exposure
- H410 Very toxic to aquatic life with long lasting effects

16.6 Training advice

All personnel handling this product must be made aware of the content of the SDS and hazards of the product if any.

16.7 Further information

None