



**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

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**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**

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**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

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## 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.

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**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.

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## **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

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## 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

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### 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

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## 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

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## 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

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## 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.

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## **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.

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### 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.

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## 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