



# HEALTH AND HYGIENE Safety Data Sheet

**Product: F10 Disinfectant Aerosol/Fogger**

Revision Date: 11 May 2015

Revision Number: 002

Print date: 08 July 2015

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

### 1.1 Product identifier

Product Name: F10 DISINFECTANT AEROSOL/FOGGER

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

F10 DISINFECTANT AEROSOL/FOGGER is a Biodegradable multi-purpose disinfectant for hard surfaces, equipment and airspaces

### 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](mailto: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) & Directive 75/324/EEC on Aerosol Dispensers

Hazard class	Hazard category
Flammable Aerosol	1

#### **Hazard statements**

H222: Extremely flammable aerosol



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### 2.2. Label elements

According to Regulation (EC) No 1272/2008



Danger

P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Pressurized container: Do not pierce or burn, even after use.

P410+412 Protect from sunlight. Store at temperatures not exceeding 50 °C/122 °F

P102 Keep out of reach of children.

### 2.3. Other hazards

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

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

### 3.1. MIXTURE

IUPAC name	EC number	CAS number	CLP Classification <i>based on 100% pure material</i>	Actual concentration in F10 Aerosol/Fogger
Ethanol	200-578-6	64-17-5	Flam. Liq. 2 H225 Eye Irrit. 2	40-60%%
Butane	203-448-7	106-97-8	Flam. Gas 1 H220	10-20%
Alkyl(C12-16) dimethylbenzylammoniu m Chloride	270-325-2	68424- 85-1	Acute Toxicity. 4 H302; Skin Corrosive. 1B H314 Eye Damage. 1 H318 Aquatic Acute 1 H400	0.01-0.1%
C10 Alcohol ethoxylate	No Information	160875- 66-1	Acute Toxicity. 4; H302 Eye Damage. 1; H318 Aquatic Acute 3; H402	0.01-0.1%
Polyhexamethylene; bguanide hydrochloride	No Information	32289- 58-0	Acute Toxicity.4 H302; Skin Irritation. 2; H315 Skin Sensitive. 1B H317; Eye Damage. 1 H318; Aquatic Acute 1 H400 Carc 2 H351	0.0.001-0.01%



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### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

**IF SWALLOWED:** Rinse mouth. Do NOT induce vomiting

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

**IF ON SKIN:** Wash with plenty of soap and water.

#### 4.2. 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:** None

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

Follow First Aid Procedures.

### SECTION 5: Fire-fighting measures

#### 5.1. Extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

#### 5.2. Special hazards arising from the substance or mixture

None known

#### 5.3. Advice for fire-fighters

Wear Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves and eye protection if the quantity warrants it.



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### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1 For non-emergency personnel

Wear protective equipment as described under Section 8 and follow the advice for safe handling and use given under Section 7.

##### 6.1.2 For emergency responders

Emergency procedures are not required.

#### 6.2. Environmental precautions

Do not dispose of 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

If liquid from aerosol/fogger spills, 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

Follow the recommendations as given under Section 8.

##### **Measures to prevent fire**

Keep away from heat/sparks/open flames/hot surfaces. – No smoking.  
Do not expose to temperatures exceeding 50 °C/122 °F

##### **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.  
Use protective gloves to avoid skin contact.

#### 7.2. Conditions for safe storage, including any incompatibilities

F10 Aerosol/Fogger must be stored in below 30°C/86°F in dry conditions.



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### 7.3. Specific end use(s)

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

## 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, however care should be exercised to prevent contact with skin

Eye – Avoid contact with eyes or skin

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Appearance:	Clear, colourless liquid in an aerosol can
Odour:	slight alcohol odour
pH:	7.5
Boiling point:	Not known
Flash point:	Not known
Flammability:	Flammable
Explosive properties:	Not explosive
Oxidising properties:	none
Vapour pressure:	not known
Density:	0.80
Solubility-water:	soluble

### 9.2. Other information

Not applicable.



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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity.

This product is unlikely to react or decompose under normal storage conditions

#### 10.2. Chemical stability

This product should be kept in a cool place, preferably below 30°C/86°F. Keep away from sources of sparks or ignition

#### 10.3. Possibility of hazardous reactions

Not applicable.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute Toxicity	None
Irritation	Irritating to the eyes
Corrosivity	Not corrosive
Sensitisation	Not a sensitiser
Repeated dose toxicity:	Not known
Not carcinogenic, Mutagenic or toxic for reproduction	

### SECTION 12: Ecological information

#### 12.1. Eco toxicity Values:

Aquatic Toxicity: Not known

#### 12.2. Persistence and degradability

Biodegradable and non-persistent

#### 12.3. Bioaccumulative potential

No known adverse effects from normal use.



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### 12.4. Mobility in soil

Not known

### 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.  
Do not pierce or burn, even after use.

## SECTION 14: Transport information

ADR/RID Class:	2.1 Aerosols
IMDG Class:	2.1 Aerosols
IATA Class:	2.1 Aerosols

## 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



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### 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

### 16.2 Additional Information

Full text of H-Statements referenced in Section 2 and 3

H 220 Extremely flammable gas  
H222 Extremely flammable aerosol  
H223 Flammable aerosol  
H225 Highly flammable liquid and vapour

H302 Harmful if swallowed  
H314 Causes severe skin burns and eye damage  
H315 Causes skin irritation  
H317 May cause an allergic skin reaction  
H318 Causes serious eye damage  
H400 Very toxic to aquatic life  
P210 Keep away from heat/sparks/open flames/hot surfaces. – No smoking.  
P211 Do not spray on an open flame or other ignition source.  
P251 Pressurized container: Do not pierce or burn, even after use.  
P410 + 412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.

### 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.





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