



# HEALTH AND HYGIENE Safety Data Sheet

**Product: F10 Disinfectant Aerosol/Fogger**

Revision Date: 20 October 2015

Revision Number: 002

Print date: 16 November 2015

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

### Product identifier

Product Name: F10 Disinfectant Aerosol/Fogger

### 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

### 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)

### 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

### GHS Classification

#### Signal word

**Danger**

Hazard class	Hazard category	Classification procedure
Extremely flammable aerosol	1	GHS classification



#### Hazard statements

H222 Extremely flammable aerosol

#### Precautionary Statements

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

P211 Do not spray onto an open flame or other ignition source

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

P370+P378 In case of fire, use water, carbon dioxide or dry chemical for extinction

P410+ P412 Protect from sunlight and do not expose to temperatures exceeding 50 °C



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### SECTION 3: Composition/information on ingredients

#### Ingredients

Name	CAS number	Proportion
Ethanol	64-17-6	20-30%
Butane	106-97-8	10-20%
Ingredients not determined to be hazardous		balance

### SECTION 4: First aid measures

#### Description of first aid measures

##### **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

##### **IF SWALLOWED:**

Rinse mouth. Do NOT induce vomiting

##### **IF INHALED**

Remove to fresh air and keep at rest in a position comfortable for breathing

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

Follow First Aid Procedures.

### SECTION 5: Fire-fighting measures

#### Suitable Extinguishing media

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



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### **Hazards from combustion products**

No applicable hazards are known to be associated with this product

### **Specific hazards arising from the chemical**

No applicable hazards are known to be associated with this product

### **Special protective equipment and precautions 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

## **SECTION 6: Accidental release measures**

### **Personal precautions, protective equipment and emergency procedures**

Remove all sources of ignition. Ensure clean-up is conducted by trained personnel only.

### **Environmental precautions**

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

### **Methods and materials for containment and clean 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**

### **Precautions for safe handling**

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

### **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.



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### SECTION 8: Exposure controls/personal protection

#### Occupational Exposure Limits:

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

#### Engineering Control Measures

No engineering controls required

#### Respiratory Protection

No respiratory protection required

#### Eye Protection

Avoid contact with eyes

#### Hand Protection

None required.

### 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
Odour threshold:	not available
pH:	7.5
Melting point/freezing point	not available
Boiling point:	not available
Flash point:	not available
Evaporation rate	not available
Flammability:	flammable
Vapour pressure:	not available
Vapour density (air=1)	not available
Density:	0.80
Solubility in water:	soluble
Partition coefficient	not known
Auto-ignition temperature	not available
Decomposition temperature	not available
Viscosity	1mpa



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### SECTION 10: Stability and reactivity

#### 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.

#### 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

### SECTION 11: Toxicological information

#### Information on toxicological effects

Acute Oral Toxicity	Not available
Acute Dermal Toxicity	Not available
Acute Eye Irritation	Not available
Acute Dermal Irritation	Not available
Acute Inhalation Toxicity	Not available
Skin Sensitization	Not available
Carcinogenicity, mutagenicity and toxicity for reproduction	Not considered to be carcinogenic, mutagenic or toxic to reproduction

#### Symptoms related to the physical, chemical and toxicological characteristics

##### Ingestion

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

##### Inhalation

None

##### Skin

None



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### Eye

None

### Respiratory sensitisation

Not expected to be a respiratory sensitiser.

### 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

### Bioaccumulative Potential

Not available

### Other Adverse Effects

Not available

### Environmental Protection

Prevent this material entering waterways, drains and sewers.

### Acute Toxicity – Fish

LC50 (fish): Not available

### Acute Toxicity – Daphnia

LC50 (Daphnia): Not available



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### 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 (according to SANS 10228 and 10229-1)

UN Number: UN 1950

UN Proper Shipping Name: Aerosols

#### Transport Hazard Classes

2.1 Aerosols

#### IMDG Marine pollutant

No

### SECTION 15: Regulatory information

Classified as Hazardous according to SANS 10234:2008: Globally Harmonised System of Classification and labelling of Chemicals (GHS)

### SECTION 16: Other information

#### 16.1 Abbreviations and acronyms

CAS	Chemical Abstracts Service
PBT	Persistent, bio-accumulative and toxic
REACH	Registration, Evaluation and Authorisation of Chemicals
SDS	Safety Data Sheet
w/w	Weight by weight



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### Other Information

#### Date of preparation or last revision of SDS

SDS Created: October 2015

#### References

SANS 10234:2008: Globally Harmonized System of classification and labelling of chemicals (GHS)

SANS 10234:2008: ANNEX C: Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice

SANS 10228: The identification and classification of dangerous goods for transport