



# HEALTH AND HYGIENE Safety Data Sheet

**Product: F10 Disinfectant Aerosol/Fogger**

Revision Date: 25 June 2020

Revision Number: 004

Print date: 10 September 2020

## 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 pressurised 500ml can for multi-purpose disinfection of 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



# HEALTH AND HYGIENE

## Safety Data Sheet

Product: F10 Disinfectant Aerosol/Fogger

Revision Date: 25 June 2020

Revision Number: 004

Print date: 10 September 2020

### SECTION 3: Composition/information on ingredients

#### Ingredients

Name	CAS number	Proportion
Alkyl Dimethy Benzyl Ammonium Chloride	68424-85-1	0.1 – 1%
Poly (hexamethylene biguanide) Hydrochloride	27083-27-8	0.001 – 0.01%
Ethanol	64-17-5	20-30%
Butane	106-97-8	10-20%
Ingredients determined not to be hazardous		balance

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### *Following contact with eyes*

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice if necessary.

##### *Following contact with skin:*

Wash with plenty of soap and water

##### *Following ingestion:*

Do NOT induce vomiting. Give milk or water to drink.

##### *Following inhalation:*

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

##### **Advice to Doctor**

Treat symptomatically.

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

**Eyes:** None

**Skin:** None

**Inhalation:** None

**Ingestion:** None



## HEALTH AND HYGIENE Safety Data Sheet

**Product: F10 Disinfectant Aerosol/Fogger**

Revision Date: 25 June 2020

Revision Number: 004

Print date: 10 September 2020

**Environment:** None

### 4.3 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.

### 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. Dispose of waste according to the applicable local and national regulations.

### 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.



## HEALTH AND HYGIENE Safety Data Sheet

**Product: F10 Disinfectant Aerosol/Fogger**

Revision Date: 25 June 2020

Revision Number: 004

Print date: 10 September 2020

### 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.  
Store away from incompatible materials. Ensure that storage conditions comply with applicable local and national regulation.

### 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

#### Biological Limit Values

No biological limits allocated

#### Engineering Control Measures

No engineering controls required

#### Respiratory Protection

No respiratory protection required

#### Eye Protection

Avoid contact with eyes

#### Hand Protection

None required.



## HEALTH AND HYGIENE Safety Data Sheet

**Product: F10 Disinfectant Aerosol/Fogger**

Revision Date: 25 June 2020

Revision Number: 004

Print date: 10 September 2020

### SECTION 9: 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

### 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. Keep away from sources of sparks or ignition.

#### Incompatible materials

Anionic detergents / chemicals.

#### Hazardous Decomposition Products

Not available

#### Possibility of hazardous reactions

Not available



## HEALTH AND HYGIENE Safety Data Sheet

**Product: F10 Disinfectant Aerosol/Fogger**

Revision Date: 25 June 2020

Revision Number: 004

Print date: 10 September 2020

### SECTION 11: Toxicological information

<b>Toxicity</b>	
Acute Oral Toxicity: (Rat)	Not available
Acute Dermal Toxicity: (Rat)	Not available
Acute Eye Irritation	Not available
Acute Dermal Irritation	Not available
Acute Inhalation Toxicity	Not available
Skin Sensitization	Not a skin sensitizer
Carcinogenicity, mutagenicity And toxicity for reproduction	Not considered to be carcinogenic, mutagenic or toxic for reproduction

#### **Ingestion**

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

#### **Inhalation**

None

#### **Skin**

None

#### **Eye**

None

#### **Respiratory sensitisation**

Not 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.



# HEALTH AND HYGIENE Safety Data Sheet

**Product: F10 Disinfectant Aerosol/Fogger**

Revision Date: 25 June 2020

Revision Number: 004

Print date: 10 September 2020

## 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

## SECTION 13: Disposal considerations

The disposal of the spill waste material or empty used container 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



## HEALTH AND HYGIENE Safety Data Sheet

**Product: F10 Disinfectant Aerosol/Fogger**

Revision Date: 25 June 2020

Revision Number: 004

Print date: 10 September 2020

### 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

#### Other Information

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

SDS Created: June 2020. Prepared according to SANS 10234:2008: Globally Harmonized System of classification and labelling of chemicals (GHS)

##### 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

SANS 11014: 2010 Safety data sheet for chemical products — Content and order of sections