



# HEALTH AND HYGIENE Safety Data Sheet

**Product: F10 Disinfectant Wipes**

Revision Date: 26 August 2020

Revision Number: 002

Print date: 22 September 2020

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

### Product identifier

Product Name: F10 Disinfectant Wipes

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

Biodegradable disinfectant disposable wipe for hard surfaces

### 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

### 2.1. Classification of the substance or mixture

#### 2.1.1 According to CLP Regulation (EC 1272/2008)

Hazard class	Hazard category	Classification procedure
Flammable liquid	3	CLP classification

### 2.2. Label elements

According to Regulation (EC 1272/2008)



**SIGNAL WORD:**

**Warning**

**Hazard statements**

H226 Flammable liquid and vapour



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## **Precautionary Statements**

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

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

P403+P235 Store in a well ventilated place and keep cool.

P501 Dispose of contents/container in accordance with local regulations

## **SECTION 3: Composition/information on ingredients**

### **3.2. Mixtures**

*Composition/information on ingredients based on 100% pure material*

<b>Name</b>	<b>CAS number</b>	<b>Note: Typical % concentration In F10 Disinfectant Wipes</b>
Alkyl Dimethyl benzyl Ammonium Chloride	68424-85-1 Acute Tox. 4; Skin Corr. 1B; Acute Tox. 3	0.01 – 0.1%
Poly (hexamethylene biguanide) Hydrochloride	27083-24-8 Acute Tox 4; Eye Dam. 1; Skin Sens. 1B; Carc. 2	0.001 – 0.01%
Ethanol	64-17-5 Flam. Liq. 2	10-20%

## **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.

**If on skin:** Wash with soap and water

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

**Eyes:** None

**Skin:** None

**Inhalation:** None.

**Ingestion:** None

**Environment:** None



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

None

## SECTION 5: Fire-fighting measures

### 5.1. Suitable Extinguishing media

Chemical foam, dry chemical, carbon dioxide, or water.

### 5.2. Hazards from combustion products

Flammable

### 5.3. Specific hazards arising from the chemical

No applicable hazards are known to be associated with this product

### 5.4. 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

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

#### 6.1.1. For non-emergency personnel

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

#### 6.1.2. For emergency responders

Use personal protective clothing.

### 6.2. Environmental precautions

Do not flush 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

Soak up with an inert absorbent material, such as dry earth. Keep in suitable containers for disposal.



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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Keep away from open flames and sources of ignition/no smoking

### 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 use(s)

No additional information for the specific end uses.

## 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.

Eye – None required

## SECTION 9: Physical and chemical properties (applies to liquid component)

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

Appearance:	clear, colourless liquid.
Odour:	slight natural odour
Odour threshold:	not available
pH:	6.5
Melting point/freezing point	not available
Boiling point:	100°C
Flash point:	not available
Evaporation rate	not available
Flammability:	flammable
Vapour pressure:	not available



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Vapour density (air=1)	not available
Density:	0.97
Solubility in water:	soluble
Partition coefficient	not known
Auto-ignition temperature	not available
Decomposition temperature	not available
Viscosity	5mpa

### 9.2. Other information

Not applicable

## SECTION 10: Stability and reactivity

### 10.1. Reactivity.

Non-reactive under normal conditions.

### 10.2. Chemical stability

Stable under normal conditions

### 10.3. Possibility of hazardous reactions

None anticipated

### 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	
Acute Oral Toxicity: (Rat)	No toxicity (>5000mg/L)
Acute Dermal Toxicity: (Rat)	No toxicity( >20 000mg/kg)
Acute Eye Irritation	None
Acute Dermal Irritation	None
Acute Inhalation Toxicity	No toxicity(>2mg/L)
Skin Sensitization	Not a skin sensitizer
Carcinogenicity, mutagenicity And toxicity for reproduction	None

#### 11.2. Ingestion

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

#### 11.3. Inhalation

None

#### 11.4. Skin

None

#### 11.5. Eye

None

#### 11.6. Respiratory sensitisation

Not a respiratory sensitiser.

#### 11.7. Skin Sensitisation

Not a skin sensitiser.

#### 11.8. STOT-single exposure

Not expected to cause toxicity to a specific target organ.



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### **11.9. STOT-repeated exposure**

Not expected to cause toxicity to a specific target organ.

### **11.1. Aspiration Hazard**

Not expected to be an aspiration hazard.

## **SECTION 12: Ecological information**

### **12.1. Eco toxicity Values:**

Not Classified

### **12.2. Persistence and degradability**

Not available

### **12.3. Bioaccumulative potential**

Not available.

### **12.4. Mobility in soil**

Not available.

### **12.5. Results of PBT and vPvB assessment**

This product is not identified as a PBT substance.

### **12.6. Other adverse effects**

Not known

### **12.7. Environmental Protection**

Prevent this material entering waterways, drains and sewers.

### **12.8. Acute Toxicity – Fish**

LC50 (fish): Not available

### **12.9. Acute Toxicity – Daphnia**

LC50 (Daphnia): Not available



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### 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.

### SECTION 14: Transport information

UN Number: 1170  
Classification: Class 3 - flammable liquid  
Proper shipping name: Ethyl alcohol

### 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

#### 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

Safety data sheet for chemical products — Content and order of sections

#### 16.2 Additional Information

SDS Created: August 2020. Prepared according to According to CLP Regulation (EC 1272/2008)

Full text of H-Statements referenced in Section 2

H22	Flammable liquid and vapour
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### **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.