



# HEALTH AND HYGIENE Safety Data Sheet

**Product: F10 Insecticide Surface Spray for Animal Housing**

Revision Date: 14 May 2015

Revision Number: 002

Print date: 08 July 2015

***NOTE: To further assist with the interpretation of the MSDS, explanatory notes have been added in italics***

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

### **1.1 Product identifier**

Product Name: F10 Insecticide Surface Spray for Animal Housing

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

F10 Insecticide Surface Spray for Animal Housing is an insecticide for amateur use against flying and crawling insects such as blow flies, biting flies, fleas, midges, mites, mosquitoes and ticks.

### **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)**

<b>Hazard class</b>	<b>Hazard category</b>	<b>Classification procedure</b>
May cause long term adverse effects to aquatic life	3	CLP classification

#### ***Hazard statements***

H400: Very toxic to aquatic life

H410: Very toxic to aquatic life with long lasting effects



## HEALTH AND HYGIENE Safety Data Sheet

Product: F10 Insecticide Surface Spray for Animal Housing

Revision Date: 14 May 2015

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### 2.2. Label elements

According to Regulation (EC) No 1272/2008

**Danger**



**Hazard statements:**

H400: Very toxic to aquatic life

H410: Very toxic to aquatic life with long lasting effects

**Precautionary statements**

P501: Dispose of container in suitable manner as is required by country legislation.

P273: Avoid release to the environment

### 2.3. Other hazards

F10 Insecticide Surface Spray for Animal Housing 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

### 3.2. MIXTURES

IUPAC name	EC number	CAS number	CLP Classification <i>based on 100% pure material</i>	<i>Note: Typical % concentration in F10 Surface Spray product</i>
Piperonyl butoxide	200-076-7	51-03-6	H400: Very toxic to aquatic life H410: Very toxic to aquatic life with long lasting effects	1-10%



## HEALTH AND HYGIENE Safety Data Sheet

Product: F10 Insecticide Surface Spray for Animal Housing

Revision Date: 14 May 2015

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Cypermethrin	257-842-9	52315-07-8	H301: Toxic if swallowed H335: May cause respiratory irritation H373: May cause damage to organs through prolonged or repeated exposure H400: Very toxic to aquatic life H410: Very toxic to aquatic life with long lasting effects	0.1-1%
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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 any. Open the eyelids widely and flush eye (s) immediately by thoroughly rinsing with plenty of clean water or buffered eye wash for at least 20 minutes.

***If on skin***

Rinse the affected area with soap and water.

***If inhaled***

Move the person to fresh air. Contact a physician if required.

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

***Eyes:*** May be some reddening of the eye, which will moderate after some time

***Skin:*** None known or anticipated.

***Inhalation:*** May be irritating to the respiratory system.

***Ingestion:*** Seek medical advice where necessary

***Environment:*** Is known to cause long term adverse effects in the aquatic environment.

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

Follow First Aid Procedures.



## HEALTH AND HYGIENE Safety Data Sheet

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### SECTION 5: Fire-fighting measures

#### 5.1. Extinguishing media

Chemical foam, dry chemical, carbon dioxide, or water

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

F10 Insecticide Surface Spray for Animal Housing is non-combustible and non-explosive and will not facilitate or sustain the combustion of other materials.

#### 5.3. Advice for fire-fighters

Wear Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves and eye protection.

### SECTION 6: Accidental release measures

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

##### 6.1.1 For non-emergency personnel

Wear eye and hand protection

##### 6.1.2 For emergency responders

Use personal protective equipment.

#### 6.2. Environmental precautions

Do not allow contact with soil, surface or ground water

#### 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.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### 7.1.1 Protective measures

No special measures required.

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

No special measures required

##### ***Measures to prevent aerosol and dust generation***

No special measures required.



## HEALTH AND HYGIENE Safety Data Sheet

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#### ***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**

Store in cool dry conditions below 30°C/86°F.

#### **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**

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

Appearance:	clear to cloudy, colourless liquid.
Odour:	slight natural odour
pH:	7.5
Boiling point:	100°C
Flash point:	not flammable
Flammability:	not flammable
Explosive properties:	not explosive
Oxidising properties:	none
Vapour pressure:	not known
Density:	1.0
Solubility-water:	soluble



## HEALTH AND HYGIENE Safety Data Sheet

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#### 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



### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Toxicity	
Acute Oral Toxicity: (Rat)	Not classified as toxic
Acute Dermal Toxicity: (Rat)	Not classified as toxic
Acute Eye Irritation	None
Acute Dermal Irritation	None
Acute Inhalation Toxicity	Not classified as toxic
Skin Sensitization	Not a skin sensitizer
Carcinogenicity, mutagenicity And toxicity for reproduction	Based on data for the raw materials, no carcinogenic, mutagenic or toxicity for reproduction is predicted



## HEALTH AND HYGIENE Safety Data Sheet

**Product: F10 Insecticide Surface Spray for Animal Housing**

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### SECTION 12: Ecological information

#### 12.1. Eco toxicity Values:

Aquatic Toxicity is classified Chronic 3 according to CLP method

#### 12.2. Persistence and degradability

Not known

#### 12.3. Bioaccumulative potential

No known adverse effects from normal use.

#### 12.4. Mobility in soil

F10 Insecticide Surface Spray for Animal Housing is immobile in soil.

#### 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.

### SECTION 14: Transport information

This product does not require a transport classification.



## HEALTH AND HYGIENE Safety Data Sheet

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## 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  
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

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
H351	Suspected of causing cancer
H400	Very toxic to aquatic life
H402	Harmful to aquatic life

### 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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