



## HEALTH AND HYGIENE Safety Data Sheet

**Product: F10CLXD Avian Disinfectant Cleanser Concentrate**

Revision Date: 6 April 2017

Revision Number:001

**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: **F10CLXD Avian Disinfectant Cleanser Concentrate**

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

F10CLXD Avian Disinfectant Cleanser Concentrate is an antimicrobial disinfectant solution

#### 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 (*refers to the F10CLXD Avian Disinfectant Cleanser Concentrate undiluted product*)

#### 2.1 Classification of the substance or mixture

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

| Hazard class                                        | Hazard category | Classification procedure      |
|-----------------------------------------------------|-----------------|-------------------------------|
| Eye irritation                                      | 2               | On the basis of GLP test data |
| May cause long term adverse effects to aquatic life | 3               | According to CLP criteria     |

#### **Hazard statements**

H319: Causes serious eye irritation

H412: Harmful to aquatic life with long lasting effects.



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### 2.2. Label elements

According to Regulation (EC) No 1272/2008



Signal Word: WARNING

P280: Wear correct eye safety equipment when handling this mixture.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Contact Poison centre/doctor/physician.

P273: Avoid release to the environment.

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

### 2.3. Other hazards

F10CLXD Avian Disinfectant Cleanser Concentrate 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. MIXTURES

F10CLXD Avian Disinfectant Cleanser Concentrate consists of the following:

Alkyl (C12-16)dimethylbenzylammonium Chloride,

C10 Alcohol ethoxylate; and

Polyhexamethylene; biguanide hydrochloride.



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| IUPAC name                                          | EC number      | CAS number  | CLP Classification<br><i>based on 100% pure material</i>                                                                                     | Note: Typical %<br>concentration In<br>F10CLXD Avian<br>Disinfectant<br>Cleanser<br>Concentrate |
|-----------------------------------------------------|----------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| Alkyl(C12-16)<br>dimethylbenzylammonium<br>Chloride | 270-325-2      | 68424-85-1  | Acute Toxicity. 4 H302;<br>Skin Corrosive. 1B H314<br>Eye Damage. 1 H318<br>Aquatic Acute 1 H400                                             | 1-10%                                                                                           |
| C10 Alcohol ethoxylate                              | No Information | 160875-66-1 | Acute Toxicity. 4; H302<br>Eye Damage. 1; H318<br>Aquatic Acute 3; H402                                                                      | 1-10%                                                                                           |
| Polyhexamethylene;<br>biguanide hydrochloride       | No Information | 32289-58-0  | Acute Toxicity.4 H302;<br>Skin Irritation. 2; H315<br>Skin Sensitive. 1B H317;<br>Eye Damage. 1 H318;<br>Aquatic Acute 1 H400<br>Carc 2 H351 | 0.01-0.1%                                                                                       |

### 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. If eye irritation persists, get medical advice/attention.

##### ***Following skin contact***

Remove contaminated clothing, footwear, watches, etc. and clean thoroughly before re-using them. Rinse the affected area with soap and water.

##### ***Following inhalation***

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

##### ***Following ingestion***

Do not induce vomiting. If the person is conscious, wash out mouth with water and give plenty of milk or water to drink. Get immediate medical attention or contact the poison centre.



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### 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:** Ingestion of the concentrate may cause irritation to mouth, throat and digestive tract

**Environment:** Is known to cause long term adverse effects in an aquatic environment. (Refers to the F10CLXD Avian Disinfectant Cleanser Concentrate undiluted product)

### 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 appropriate fire extinguisher for surrounding environment.

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

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 appropriate protective equipment

#### 6.1.2 For emergency responders

Emergency procedures are not required.



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### **6.2. Environmental precautions & methods and material for containment and cleaning up**

Do not flush large volumes into surface water or the sanitary sewer system or into bodies of water (e.g. streams). 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**

***Measures to prevent fire***

None.

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

None

***Measure to protect the environment***

None

#### **7.1.2 Information on general occupational hygiene**

Do not handle or store near food and beverages or smoking materials.

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

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

### **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 – Wear required eye protection



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### SECTION 9: Physical and chemical properties

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

|                       |                      |
|-----------------------|----------------------|
| Appearance:           | clear, green liquid. |
| Odour:                | Pine 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              |

#### 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

Not applicable.



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### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

| Toxicity                                                       | Packed Concentrate                                                                                        | Use Dilutions (1:100 and higher) |
|----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|----------------------------------|
| Acute Oral Toxicity: (Rat)                                     | No Toxicity>10000mg per kg                                                                                | No toxicity (>200000mg per kg)   |
| Acute Dermal Toxicity: (Rat)                                   | No Toxicity >20000mg per kg                                                                               | No toxicity (>500 000mg per kg)  |
| Acute Eye Irritation                                           | Causes temporary eye irritation but no serious damage                                                     | None                             |
| Acute Dermal Irritation                                        | None                                                                                                      | None                             |
| Acute Inhalation Toxicity                                      | None                                                                                                      | None                             |
| Skin Sensitization                                             | Not a skin sensitizer                                                                                     | Not a skin sensitizer            |
| Carcinogenicity, mutagenicity<br>And toxicity for reproduction | Based on data for the raw materials, no carcinogenic, mutagenic or toxicity for reproduction is predicted |                                  |

### SECTION 12: Ecological information

#### 12.1. Ecotoxicity Values:

Aquatic Toxicity – Fish: Not available  
Aquatic Toxicity – algae: Not available  
Aquatic Toxicity – daphnia: Not available

#### 12.2. Persistence and degradability

For practical purpose the in-use product is biodegradable.  
Usage is confined to very low volume use applications and in areas where run off to waterways is minimum.

#### 12.3. Bioaccumulative potential

No known adverse effects from normal use.

#### 12.4. Mobility in soil

Immobile in soil.

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

This product is not identified as a PBT substance.



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

Not relevant.

## **SECTION 13: Disposal considerations**

### **13.1. Disposal methods**

Dispose of in accordance with local regulations.

## **SECTION 14: Transport information**

This product does not require a transport classification.

## **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.





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### SECTION 16: Other information

SDS Created: April 2017. Prepared according to According to CLP Regulation (EC 1272/2008)

#### 16.1 Abbreviations and acronyms used elsewhere in the safety data sheet

|       |                                                                        |
|-------|------------------------------------------------------------------------|
| 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                                                       |
| 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.