

## Cape Eastern Livestock

P, O Box 555  
Kenton on Sea  
6191  
Mobile: +27 82 5737 008  
[dave@livestocksa.co.za](mailto:dave@livestocksa.co.za)  
[www.livestocksa.co.za](http://www.livestocksa.co.za)



**CAPE EASTERN  
LIVESTOCK**

## **Standard Operating Procedure (SOP)**

Disinfection of Trucks and Staff for Foot and Mouth Disease (FMD) in Cattle

### **Objective:**

To ensure complete disinfection of trucks and staff to prevent the spread of Foot and Mouth Disease (FMD) in the Area.

### **Scope:**

This SOP applies to all members of Cape Eastern Livestock their staff, vehicles, and equipment involved in the transportation of Cloven-Hoofed Animals.

### **1: Preparation:**

#### **1.1 Equipment and Materials:**

Disinfectant solution (approved for FMD see DATA Sheet)  
Personal Protective Equipment (PPE) including gloves, masks, boots, and overalls  
Brushes, sprayers, and pressure washers

#### **1.2. Staff Training:**

Train all staff on the importance of disinfection, proper use of PPE, and the procedures outlined in this SOP.

#### **1.3. Our Wash Site Setup:**

We have a Designated specific disinfection area, separated from other operations on entry and exit of our property. Our Wash Bay falls within our "Dirty Zone" and does not contact our Clean Zone!

We Ensure that all wastewater from washing operations is properly contained and treated before disposed.

### **2.Truck Disinfection Procedure:**

#### **2.1. Initial Cleaning:**

Remove all organic matter (manure, bedding, feed) from the truck surface using shovels and brushes.

Apply a high-pressure wash to remove remaining debris and loosen any dirt.

Cape Eastern Livestock, Industrial Road Alexandria 6185, Eastern Cape South Africa.  
Office Mobile: +27 60 773 7138 Email: [office@livestocksa.co.za](mailto:office@livestocksa.co.za)  
Agricultural Produce Agents Council Registration No: 0129  
VAT NO: 4053107431. CC Registration No: 2006/011283/23



## Cape Eastern Livestock

P, O Box 555  
Kenton on Sea  
6191  
Mobile: +27 82 5737 008  
[dave@livestocksa.co.za](mailto:dave@livestocksa.co.za)  
[www.livestocksa.co.za](http://www.livestocksa.co.za)



**CAPE EASTERN  
LIVESTOCK**

### **2.2. Application of Disinfectant:**

Prepare the disinfectant solution according to the manufacturer's instructions.  
Spray the disinfectant thoroughly on all truck surfaces including tires, undercarriage, walls, and floor.  
Ensure that the solution remains on surfaces for the recommended contact time.

### **2.3. Drying:**

Allow the truck to air dry completely before use. This reduces the risk of pathogens surviving on wet surfaces.

### **2.4 Exiting Our Premises**

The cleaned Vehicle will be disinfected and the wheel arches, wheels as well as the undercarriage will be inspected and disinfected before leaving our premises.

## **3. Staff Disinfection Procedure:**

### **3.1. PPE Usage:**

Put on appropriate PPE before commencing any disinfection activity.

### **3.2. Hand Hygiene:**

Wash hands with soap and water for at least 20 seconds before and after handling cattle or contaminated surfaces.  
Use an alcohol-based hand sanitizer when soap and water are not available.

### **3.3. Clothing and Footwear:**

Disinfect boots and overalls at the beginning and end of each shift or when moving between different cattle groups.  
Use footbaths containing disinfectant at entry and exit points of the disinfection area.

### **3.4. Personal Decontamination:**

On Entry and Exit to our Property all Staff and Visitors will be asked to walk through a misting Shower.  
All Staff on duty for the cattle pickups will Shower in and out and change into clean clothes before and after their shifts.

Cape Eastern Livestock, Industrial Road Alexandria 6185, Eastern Cape South Africa.  
Office Mobile: +27 60 773 7138 Email: [office@livestocksa.co.za](mailto:office@livestocksa.co.za)  
Agricultural Produce Agents Council Registration No: 0129  
VAT NO: 4053107431. CC Registration No: 2006/011283/23



## Cape Eastern Livestock

P, O Box 555  
Kenton on Sea  
6191  
Mobile: +27 82 5737 008  
[dave@livestocksa.co.za](mailto:dave@livestocksa.co.za)  
[www.livestocksa.co.za](http://www.livestocksa.co.za)



**CAPE EASTERN  
LIVESTOCK**

### **4. Post-Disinfection Protocol:**

#### **4.1. Inspection:**

Inspect the truck and equipment for cleanliness and ensure that no areas were missed during disinfection.

#### **4.2. Record Keeping:**

Maintain detailed records of all disinfection activities, including date, time, personnel involved, and the disinfectant used.

### **5. Emergency Procedures:**

#### **5.1. Exposure Response:**

If a staff member is exposed to FMD, ensure immediate disinfection period as recommended. ( 5 days) and Staff will not be used on Trucks or Visit farms as per the minimum time period of 5 Days.

#### **5.2. Containment:**

Isolate any potentially contaminated areas or equipment until proper disinfection can be verified.

### **ARRIVAL ON FARM FOR LOADING PROCEDURE:**

Be assured that every precaution has been taken to ensure our Vehicles and Staff are trained and disinfected.

Cape Eastern Livestock Staff will see to the loading of the cattle from the ramp onto the truck, PLEASE NO FARM WORKER/STAFF allowed on the truck at any time.

It will be advisable for the farm to have a disinfectant sprayer at Loading ramp for disinfecting the Loading staff as well as to spray down before and after loading.

Cape Eastern Livestock will also have a mobile Loading Ramp available shortly, if you do not want the Vehicle/Truck on your farm, but this needs to be arranged timeously with our marketing staff, The Mobile ramp will be equipped with extra

Cape Eastern Livestock, Industrial Road Alexandria 6185, Eastern Cape South Africa.  
Office Mobile: +27 60 773 7138 Email: [office@livestocksa.co.za](mailto:office@livestocksa.co.za)  
Agricultural Produce Agents Council Registration No: 0129  
VAT NO: 4053107431. CC Registration No: 2006/011283/23



## Cape Eastern Livestock

P, O Box 555  
Kenton on Sea  
6191  
Mobile: +27 82 5737 008  
[dave@livestocksa.co.za](mailto:dave@livestocksa.co.za)  
[www.livestocksa.co.za](http://www.livestocksa.co.za)



**CAPE EASTERN  
LIVESTOCK**

gates and will enable us to Load animals on the side of the district road or at the entrance to your farm rather than enter your property, this is for your peace of mind, But needs to be arranged.

Cape Eastern Livestock their Staff and management are committed and respect the Bio Security rules and regulations that are being put in place, we encourage all farmers to work with us to ensure the highest possible prevention methods are followed. We are in trying times, and are open to comments and suggestions to better equip ourselves to protect our industry,

**By strictly following these procedures, the risk of spreading Foot and Mouth Disease (FMD) can be significantly minimized. Ensure continuous monitoring and adherence to the protocols.**

**David Howard.**

Cape Eastern Livestock, Industrial Road Alexandria 6185, Eastern Cape South Africa.  
Office Mobile: +27 60 773 7138 Email: [office@livestocksa.co.za](mailto:office@livestocksa.co.za)  
Agricultural Produce Agents Council Registration No: 0129  
VAT NO: 4053107431. CC Registration No: 2006/011283/23





# HEALTH AND HYGIENE Safety Data Sheet

**Product: F10SC Veterinary Disinfectant**

Revision Date: 05 August 2020

Revision Number: 004

Print date: 05 August 2020

**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

### Product identifier

Product Name: F10SC Veterinary Disinfectant

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

As an antimicrobial disinfectant solution, used for the disinfection of hard surfaces, equipment and air spaces.

### 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 (*refers to the F10SC Veterinary Disinfectant undiluted product*)

### GHS classification:

#### Signal Word

**Danger**

Hazard class	Hazard category	Classification procedure
Eye damage/irritation	1	On the basis of GLP test data
Chronic Aquatic toxicity	3	GHS classification

### Hazard statements

H318: Causes serious eye damage

H412: Harmful to aquatic life





## HEALTH AND HYGIENE Safety Data Sheet

### Product: F10SC Veterinary Disinfectant

Revision Date: 05 August 2020

Revision Number: 004

Print date: 05 August 2020

#### Precautionary statements

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

P273: Avoid release into the environment

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.

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

P101: If medical advice is needed, have product container or label at hand

P102: Keep out of reach of children

P103: Read label before use

### SECTION 3: Composition/Information on ingredient

#### Ingredients

Name	CAS Number	Proportion
Alkyl Dimethyl Benzyl Ammonium chloride	68424-85-1	1-10 %
Poly (hexamethylene biguanide) Hydrochloride	27083-27-8	0.1-1 %
Ingredients determined not to be hazardous		Balance

### SECTION 4: First aid measures

#### *Following contact with eyes*

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing for at least 15 minutes, or until advised to stop by the Poisons Information Centre or a doctor, Seek immediate medical attention.

#### *Following skin contact*

Remove all contaminated clothing immediately. Wash affected area thoroughly with soap and water. Wash contaminated clothing before reuse or discard.

#### *Following inhalation*

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

#### *Following ingestion*

Do not induce vomiting. Wash out mouth thoroughly with water.

#### *Advice to Doctor*

Treat symptomatically.



## HEALTH AND HYGIENE Safety Data Sheet

**Product: F10SC Veterinary Disinfectant**

Revision Date: 05 August 2020

Revision Number: 004

Print date: 05 August 2020

### 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 F10SC Veterinary Disinfectant undiluted product)

### 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 appropriate fire extinguisher for surrounding environment.

### Hazards from Combustion Products

Non-combustible material.

### Specific Hazards Arising from the chemical

This product is non-combustible. However heating can cause expansion or decomposition leading to violent rupture of containers.

### 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

Wear appropriate personal protective equipment and clothing to prevent exposure to clothing, skin and eyes. Increase ventilation. Dispose of waste according to the applicable local and national regulations.



## HEALTH AND HYGIENE Safety Data Sheet

**Product: F10SC Veterinary Disinfectant**

Revision Date: 05 August 2020

Revision Number: 004

Print date: 05 August 2020

### 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 possible contain the spill. Place inert absorbent material onto spillage. Collect the material and place into a suitable container. Do not dilute material but contain it

## SECTION 7: Handling and storage

### Precautions for safe handling

Avoid skin or eye contact. Keep containers sealed when not in use. Maintain high standards of personal hygiene i.e. washing hands prior to eating, drinking, and smoking or using toilet facilities.

### 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.

## SECTION 8: Exposure controls/personal protection

### Occupational exposure limit values

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

### Appropriate Engineering Controls

No engineering controls required

### Respiratory Protection

No respiratory protection required

### Eye Protection

Wear eye protection.



## HEALTH AND HYGIENE Safety Data Sheet

**Product: F10SC Veterinary Disinfectant**

Revision Date: 05 August 2020

Revision Number: 004

Print date: 05 August 2020

### Hand Protection

None required, however care should be exercised to prevent contact with skin.

### SECTION 9: Physical and chemical properties

Appearance:	clear, colourless liquid.
Odour:	characteristic odour
Odour threshold:	not available
pH:	7.5
Melting point/freezing point	not available
Boiling point:	100°C
Flash point:	not available
Evaporation rate	not available
Flammability:	not combustible
Vapour pressure:	not available
Vapour density (air=1)	not available
Density:	1.0
Solubility in water:	soluble
Partition coefficient	not known
Auto-ignition temperature	not available
Decomposition temperature	not available
Viscosity	5mpa

### SECTION 10: Stability and reactivity

#### Chemical stability

Stable under normal conditions of storage and handling.

#### Possibility of hazardous reactions

Stable under normal conditions of storage and handling

#### Conditions to Avoid

Do not mix with soaps and other chemicals.

#### Incompatible materials

Anionic detergents / chemicals.

#### Hazardous Decomposition Products

Not available



# HEALTH AND HYGIENE Safety Data Sheet

**Product: F10SC Veterinary Disinfectant**

Revision Date: 05 August 2020

Revision Number: 004

Print date: 05 August 2020

## SECTION 11: Toxicological information

Toxicity	Packed Concentrate	Use Dilutions (1:100 and higher)
Acute Oral Toxicity: (Rat)	Toxicity>2000mg per kg	No toxicity (>200000mg per kg)
Acute Dermal Toxicity: (Rat)	Toxicity >5000mg per kg	No toxicity (>500 000mg per kg)
Acute Eye Irritation	Causes serious eye damage	None
Acute Dermal Irritation	None	None
Acute Inhalation Toxicity	None	None
Skin Sensitization	Not a skin sensitizer	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	

### Ingestion

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

### Inhalation

None

### Skin

None

### Eye

May Cause eye damage.

### Respiratory sensitisation

Not a respiratory sensitiser.

### Skin Sensitisation

Not a skin 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: F10SC Veterinary Disinfectant**

Revision Date: 05 August 2020

Revision Number: 004

Print date: 05 August 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 must be done in accordance with applicable local and national regulations.

### SECTION 14: Transport information (according to SANS 10228 and 10229-1)

UN Number: None allocated

UN Proper Shipping Name: None allocated

#### Transport Hazard Classes

None allocated

#### IMDG Marine pollutant

No



## HEALTH AND HYGIENE Safety Data Sheet

**Product: F10SC Veterinary Disinfectant**

Revision Date: 05 August 2020

Revision Number: 004

Print date: 05 August 2020

### SECTION 15: Regulatory information

Classified as Hazardous according to SANS 10234:2008: Globally Harmonised System of Classification and labelling of Chemicals (GHS).  
Act 36 Registration Number: 3070

### 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
vPvB	Very persistent, very bio-accumulative
w/w	Weight by weight

#### Other Information

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

SDS Created: August 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

# Material Safety Data Sheet



## Glutacide

### 1. Product and Company Identification

Trade name : Glutacide  
Product use: Gluteraldehyde/ QAC Sanitizer  
Supplier: Branson Chemicals  
45 APD Industrial Park  
Elsecar St  
Kya Sands  
Date: 2010/01/01

### 2. Composition / Information on ingredients

Name:	CAS #	% by weight
Quaternary ammonium chloride compounds	Mixture	5 - 10 %
Gluteraldehyde 50%	111-30-1	10 - 20%
Nonionic surfactant	2605-78-9	1 - 5 %

### 3. Hazards Identification

Physical state: liquid  
Overview : chemical burns to skin, eyes, mucous membranes of mouth

### 4. First Aid Measures

Eyes: Rinse immediately with copious amounts of water and seek medical attention  
Inhalation: Remove from source of exposure and seek medical advice if symptoms persist  
Skin: immediately flush skin with water for 15 minutes  
Ingestion: Remove product from mouth, drink plenty of water and do not induce vomiting.  
Seek medical attention immediately

### 5. Fire Fighting Measures

Fire fighting media and instructions: Use method appropriate for surrounding fire  
Does not support combustion  
Fire fighters should wear self contained breathing apparatus and suitable clothes and face protection.

### 6. Accidental Release Measures

Wear suitable gloves, eye and face protection. Hose away with plenty of water diluting to at least 1% and discard in waste water drain.

### 7. Handling and Storage

Avoid contact with eyes. Wear protective equipment  
Do not mix with any other chemicals unless advised by Branson representative.

### 8. Exposure Control and Personal Protection

Hand: Wear gloves  
Eyes: Wear eye face protection

Skin: prevent skin contact  
Respiration: Avoid breathing mists

**Glutacide**

Page 2/2

## 9. Physical and Chemical Properties

Colour: Pinkish liquid  
Specific gravity 1.02  
Flamability Not Flamable  
Ph 7

## 10. Stability and Reactivity

Stable under normal conditions

## 11. Toxicology Information

irritant to eyes

## 12. Ecological information

Can have a deleterious effect to aquatic life in concentrated form.

## 13. Disposal Considerations

Dilute with water, neutralise and dump.

## 14. Transport Information

Packing group III  
UN-NO NR  
Class NR

## 15. Regulatory Information

R 36 Irritates eyes  
S2 Keep out of reach from children  
S26 Upon contact with eyes rinse with water  
S36/37/39 Wear suitable protection

## 16. Other Information

All information given is deemed to be true with the product delivered in its original state.