

## MATERIAL SAFETY DATA SHEET

**PRODUCT:** ECOMECTIN PIG PREMIX  
**REG. NO. (Act 36/1947):** G0000  
**REGISTRATION HOLDER:** ECO Animal Health Southern Africa (Pty) Ltd  
**DISTRIBUTED BY:** Afrivet Business Management (Pty) Limited  
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### 1. PRODUCT

#### Indications:

For the treatment and control of gastrointestinal roundworms, lungworms, lice and mange in adult and growing pigs. ECOMECTIN PIG PREMIX should be used at the recommended dosage level of 100 micrograms ivermectin per kg bodyweight for seven consecutive days.

#### Usage:

Provides effective control against the following parasites:

Gastrointestinal worms: *Ascaris suum* (adult and fourth stage larvae), *Hyostromylus rubidus* (adult and fourth stage larvae), *Oesophagostomum* spp. (adult and fourth stage larvae) and *Strongyloides ransomi* (adult).

Lungworms: *Metastrongylus* spp. (adult).

Lice: *Haematopinus suis*.

Mange mites: *Sarcoptes scabiei* var. *suis*.

#### Dosage and Administration:

Dosage: ECOMECTIN PIG PREMIX must be incorporated in feed for seven consecutive days at the recommended dose rate of 100 micrograms of ivermectin per kg of bodyweight per day.

Administration: Orally in the feed.

Transport classification: None.

### 2. ACTIVE INGREDIENT

Common Name: Ivermectin (22, 23-dihydroavermectin)

Content: Each kilogram of product contains 6 grams of ivermectin.

Chemical characterisation: Ivermectin is a semi synthetic derivative of Avermectin, a fermentation product of *Streptomyces avermilitis*. It contains not less than 95% of component B1a and not more than 5% of component B1b.

B1a: C<sub>48</sub>H<sub>74</sub>O<sub>14</sub>; Molecular Weight 875

B1b: C<sub>47</sub>H<sub>72</sub>O<sub>14</sub>; Molecular Weight 861

CAS Number: 70288-86-7

### 3. PHYSICAL PROPERTIES OF THE FORMULATION

3.1 Pharmaceutical form: Medicated premix.

3.2 Appearance: A clean, free flowing non-dusty, white to off-white fine powder.

### 4. TOXICOLOGICAL INFORMATION

4.1 LD<sub>50</sub> mouse (oral): 25mg/kg (pure raw material)

4.2 LD<sub>50</sub> rat (oral): 55mg/kg (pure raw material)

4.4 Dermal toxicity (rabbit): 406mg/kg (pure raw material)

### 5. SAFETY WARNINGS AND PRECAUTIONS

5.1 Withdrawal Period: Animals must not be slaughtered for human consumption during treatment.

Pigs intended for human consumption must not be slaughtered until seven days after the last treatment.

5.2 Contra-indications: Do not use for any other animal species as adverse reactions, including fatalities in dogs, may occur.

### 5.3 Operator warnings:

Occupational Exposure Standard: use statutory dust exposure maximum (10mg m 8 hour TWA inhalable dust or 5mg m 8 hour TWA respirable dust).

Do not smoke, eat or drink while handling the product.

Wash hands after use.

For animal treatment only.

Keep out of reach of children.

### 5.4 Emergency and First Aid:

If accidental skin contact occurs, wash the affected area immediately with soap and water.

If accidental eye exposure occurs, flush the eyes immediately with water and seek medical attention.

### 5.5 Environmental warnings: EXTREMELY DANGEROUS TO FISH AND AQUATIC LIFE.

Do not contaminate surface waters or ditches with product or used containers. Drug containers and any residual contents should be disposed of safely, e.g. by burying in waste ground away from watercourses.

### 5.6 Hazard warnings: None.

### 5.7 Fire and Explosion Hazards: None.

### 5.8 Pharmaceutical warnings:

To ensure thorough dispersion of the product, it should first be mixed with a suitable quantity of feed ingredients before incorporation in the final mix.

The product can be incorporated in pelleted feed preconditioned with steam for up to ten seconds at a temperature not exceeding 85°C.

When used as recommended, this product should only be incorporated by Category A manufacturers.

The premix is stable for thirty months when stored under normal conditions.

Store below 25°C in a dry place.

Protect from direct light and freezing.

Re-seal bag after use.

### 5.9 General precautions:

This product is only for use in pigs.

For animal treatment only.

Keep out of reach of children.

Read the label or package insert before use.

## 6. SPILLAGE/DISPOSAL

### Spillage:

Wear a dust mask and goggles and sweep up.

### Disposal:

Drug containers and any residual contents should be disposed of safely, e.g. by burying in waste ground away from water courses; or incinerate spill material and residues at temperatures greater than 500°C.

## 7. LEGAL CATEGORY

PML

## 8. PACKAGE QUANTITIES

ECOMECTIN PIG PREMIX is packed in 5kg multiple wall bags with a polyethylene liner.

## 9. OTHER INFORMATION

### Disclaimer:

The information of this sheet corresponds to the actual level of our knowledge. This information is not a product specification and cannot be a base for contractual use. No responsibility is accepted for errors or omissions or the consequences thereof. This information applies to the product as such. In case of new formulations or mixes, new hazards may arise. It is the responsibility of persons in receipt of this MSDS to ensure that all people who may use, handle, dispose or in any way come in contact with the product understands this information.