

## MATERIAL SAFETY DATA SHEET

**PRODUCT:** SALECOX 120  
**REG. NO. (Act 36/1947):** G1882  
**REGISTRATION HOLDER:** ECO Animal Health Southern Africa (Pty) Ltd  
**DISTRIBUTED BY:** Afrivet Business Management (Pty) Limited  
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### 1. PRODUCT

- 1.1 Name : SALECOX 120 (120 gram of Salinomycin sodium per kg of product).
- 1.2 Indications:  
Chickens.  
 For the prophylactic control of coccidiosis in broiler chickens caused by *Eimeria acervulina*, *E.brunetti*, *E.maxima*, *E.mivati*, *E.necatrix* and *E.tenella*.  
Pigs.  
 For use in growing and fattening pigs for the improvement of live-weight gain and feed conversion efficiency.
- 1.3 Usage: To be mixed with the feed.  
Chickens : Mix at a ratio of 0.5 kg Sal-Eco 120 per tonne of feed to obtain 60 ppm of salinomycin sodium in the finished feed.  
Pigs : Up to 40 kg bodyweight add 250 – 500 g of Sal-Eco 120 per tonne of feed to provide 30-60 ppm in the finished feed.  
 Up to slaughter add 125-250 g of Sal-Eco 120 per tonne of feed to obtain 15-30 ppm of salinomycin sodium in the finished feed.
- 1.4 Transport classification: None

### 2. ACTIVE INGREDIENT

- 2.1 Common Name: Salinomycin sodium.
- 2.2 Content: Each kg of product contains the equivalent of 120 grams of salinomycin activity, mixed with an inert carrier.
- 2.3 Chemical characterisation: Salinomycin is a representative of the group of 'ionophore' substances. It is basically an antibiotic obtained from fermentation of *Streptomyces albus*.
- 2.4 Other relevant data: None

### 3. PHYSICAL PROPERTIES OF THE FORMULATION

- 3.1 Pharmaceutical form: Powder
- 3.2 Appearance: Pale brown, free flowing powder.
- 3.3 Flashpoint: Pure substance :>150 Centigrade
- 3.4 Flammability: Pure substance: BZ=2: flares up briefly, then subsides.
- 3.5 Explosion limits: The creation of a dust cloud of any origin may form an explosive mixture with air. Earth all equipment to avoid electrostatic charge.

### 4. TOXICOLOGICAL INFORMATION (pure substance!)

- 4.1 LD 50 mouse: 50 mg/kg bodyweight
- 4.2 LD 50 rat (oral): 42 mg/kg bodyweight
- 4.3 Dermal LD 50 (rabbit): 343 mg/kg bodyweight

### 5. SAFETY WARNINGS and PRECAUTIONS

- 5.1 Contra-indications: DO NOT feed direct to any animal.  
 Lethal for horses and other ungulates.
- 5.2 Operator warning: Operators should avoid direct contact with skin. Wear adequate protective clothing, dust protective coverall type 5 ; 0.5 mm non lined rubber gloves and suitable dust mask (standard EN 148 grade FFP2), when preparing medicated feed.  
 When accidentally swallowed, induce vomiting!
- 5.3 Environmental warnings: Prevent contamination of surface water  
 Bio-degradability : good

5.5 Hazard warnings: Not applicable

5.6 Pharmaceutical warnings:

- i) Expiry date is 24 months after the date of manufacture
- ii) Store in a dry place
- iii) Close the container after use

5.7 General precautions:

- i) For in feed treatment for animals only
- ii) Keep out of reach for children
- iii) Do not eat, drink or smoke during handling. Wash hands and face after work or before rest intervals
- vi) Accurate mixing is essential

## 6. SPILLAGE / DISPOSAL

6.1 Spillage: Collect mechanically and fill into tightly closed container.  
Do not flush into drainage system.

6.2 Disposal: Authorised waste disposal site or incineration plant

## 7. PACKAGE QUANTITIES

SAL-ECO 120 is packed in multi-walled paper bags with a polyethylene lining, containing 25 kg of product.

## 8. 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.