

MATERIAL SAFETY DATA SHEET

PRODUCT: ECOMECTIN HORSE PASTE
REG. NO. (Act 36/1947): G0000
REGISTRATION HOLDER: ECO Animal Health Southern Africa (Pty) Ltd
DISTRIBUTED BY: Afrivet Business Management (Pty) Limited
ADDRESS: PO Box 2009, FAERIE GLEN 0043, R.S.A.
Tel: +27 (012) 991 6416 Fax: (012) 991 6417

1. PRODUCT

Indications:

For use in the treatment and control of adult and immature roundworms, lungworms and bots of horses. ECOMECTIN HORSE PASTE should be used at the recommended dosage level of 200 micrograms ivermectin per kg bodyweight.

Usage:

Provides effective control against the following parasites:

Large strongyles (adult and arterial larval stages of *Strongylus vulgaris*; adults and tissue larval stages of *S. edentatus*; adults of *S. equines* and *Tridontophorus* spp.).

Adult and immature small strongyles, including benzimidazole-resistant strains.

Adult and immature lungworms, *Dictyocaulus arnfieldi*.

Adult and immature *Oxuris equi*.

Adult and immature *Parascaris equorum*.

Adult *Trichostrongylus axei*; *Habronema muscae* and *Strongyloides westeri*.

Microfilariae of *Onchocerca* spp.

Oral and gastric stages of bots, *Gastrophilus* spp.

Dosage and Administration:

Dosage:

One syringe division of paste per 100kg bodyweight (based on a recommended dosage of 200 micrograms ivermectin per kg bodyweight). The total contents of one syringe (six divisions) will dose one 600kg horse.

Administration:

Give as an oral paste.

Transport classification: None.

2. ACTIVE INGREDIENT

Common Name: Ivermectin (22, 23-dihydroavermectin)

Content: Each syringe of product contains 120mg 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: C₄₈H₇₄O₁₄; Molecular Weight 875

B1b: C₄₇H₇₂O₁₄; Molecular Weight 861

CAS Number: 70288-86-7

3. PHYSICAL PROPERTIES OF THE FORMULATION

3.1 Pharmaceutical form: Paste formulation.

3.2 Appearance: A white homogeneous paste.

4. TOXICOLOGICAL INFORMATION

4.1 LD₅₀ mouse (oral): 25mg/kg (pure raw material)

4.2 LD₅₀ 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:
Only for use in horses not intended for human consumption.

5.2 Contra-indications:
ECOMECTIN HORSE PASTE has been formulated specifically for use in horses only. Dogs or cats may be adversely affected by the concentration of ivermectin in this product if they are allowed to ingest spilled paste or have access to used syringes.

ECOMECTIN HORSE PASTE can be administered to mares at any stage during pregnancy or lactation. It can be used in breeding mares and stallions and will not affect fertility. It can be administered to horses of all ages, including young foals.

5.3 Operator warnings:
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:
In case of accidental contact of the paste with eyes and/or unprotected skin, wash with plenty of water.

In case of ingestion, get medical attention if a significant quantity is ingested. No antidotes are available. Do not induce vomiting.

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:
Store below 25°C in a dry place.
Protect from direct sunlight.
The expiry date should not be more than 36 months from the date of manufacture.
Following the first use of the product, use the remainder of the syringe within 6 months. Dispose of any unused material safely.

5.9 General precautions:
This product is only for use in horses.
For animal treatment only.
Keep out of reach of children.
Read the label or package insert before use.

6. SPILLAGE/DISPOSAL

Spillage:

Collect small spills mechanically using a suitable absorbing material and place into a tightly closed container.

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 POM

8. PACKAGE QUANTITIES
ECOMECTIN HORSE PASTE is packed in graduated syringes. Each syringe contains 6.42g of 1.87% w/w ivermectin paste.

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.