

LABELLING AND PACKAGE LEAFLET

A. LABELLING

PARTICULARS TO APPEAR ON THE IMMEDIATE PACKAGE

Sachet of 100 g, 300 g, 400 g and 1 kg.

1. NAME OF THE VETERINARY MEDICINAL PRODUCT

Rhemox 500 mg/g powder for use in drinking water for pigs, chicken broilers, duck broilers and turkeys for meat production
Amoxicillin trihydrate

2. STATEMENT OF ACTIVE SUBSTANCES

Each gram contains:
Amoxicillin trihydrate 500 mg
(Equivalent to 435.6 mg Amoxicillin)

“Only for France:”
Amoxicillin (as trihydrate) 435.6 mg
(Equivalent to 500 mg of Amoxicillin trihydrate)

3. PHARMACEUTICAL FORM

Powder for use in drinking water.

4. PACKAGE SIZE

400 g
1 kg

5. TARGET SPECIES

Pigs
Chicken (broiler), duck (duck broiler) and turkey (turkey for meat production)

6. INDICATION(S)

7. METHOD AND ROUTE(S) OF ADMINISTRATION

For administration in drinking water.
Read the package leaflet before use.

8. WITHDRAWAL PERIOD(S)

Withdrawal period(s):
Meat and offal: Pigs: 6 days.
Chickens: 1 day.

Turkeys: 5 days

Ducks: 9 days.

Not authorised for use in birds producing eggs for human consumption and within 4 weeks before onset of the laying period.

9. SPECIAL WARNING(S), IF NECESSARY

Read the package leaflet before use.

10. EXPIRY DATE

EXP {month/year}

Shelf-life after first opening the container: 3 months.

Shelf life after reconstitution in water according to directions: 16 hours.

Once opened, use by...

11. SPECIAL STORAGE CONDITIONS

12. SPECIAL PRECAUTIONS FOR THE DISPOSAL OF UNUSED PRODUCTS OR WASTE MATERIALS, IF ANY

Disposal: read package leaflet.

13. THE WORDS “FOR ANIMAL TREATMENT ONLY” AND CONDITIONS OR RESTRICTIONS REGARDING SUPPLY AND USE, IF APPLICABLE

For animal treatment only. To be supplied only on veterinary prescription. Administration by a veterinary surgeon, or under their direct responsibility.

14. THE WORDS “KEEP OUT OF THE SIGHT AND REACH OF CHILDREN”

Keep out of the sight and reach of children.

15. NAME AND ADDRESS OF THE MARKETING AUTHORISATION HOLDER

Industrial Veterinaria, S.A.
Esmeralda, 19
E-08950 Esplugues de Llobregat
(Barcelona) Spain

16. MARKETING AUTHORISATION NUMBER(S)

Vm 36547/4005

17. MANUFACTURER'S BATCH NUMBER

Batch

B. PACKAGE LEAFLET

PACKAGE LEAFLET:

Rhemox 500 mg/g powder for use in drinking water for pigs, chicken broilers, duck broilers and turkeys for meat production
Amoxicillin trihydrate

1. NAME AND ADDRESS OF THE MARKETING AUTHORISATION HOLDER AND OF THE MANUFACTURING AUTHORISATION HOLDER RESPONSIBLE FOR BATCH RELEASE, IF DIFFERENT

Marketing authorisation holder:

Industrial Veterinaria S.A.
Esmeralda, 19
E-08950 Esplugues de Llobregat
(Barcelona) Spain

Manufacturer responsible for batch release:

aniMedica Herstellungs GmbH
Pappelstr. 7 72160 Horb a. N
Germany

2. NAME OF THE VETERINARY MEDICINAL PRODUCT

Rhemox 500 mg/g powder for use in drinking water for pigs, chicken broilers, duck broilers and turkeys for meat production

Amoxicillin trihydrate

3. STATEMENT OF THE ACTIVE SUBSTANCE(S) AND OTHER INGREDIENT(S)

Each gram contains:

Active substance:

Amoxicillin trihydrate 500 mg
(Equivalent to 435.6 mg Amoxicillin)

“Only for France:”

Amoxicillin (as trihydrate) 435.6 mg
(Equivalent to 500 mg of Amoxicillin trihydrate)

Fine and homogeneous white to cream white powder.

4. INDICATION(S)

Pigs: Treatment of infections caused by strains of *Streptococcus suis* susceptible to amoxicillin.

Chicken broilers, duck broilers and turkeys for meat production: Treatment of pasteurellosis and colibacillosis caused by strains of *Pasteurella spp.* and *Escherichia coli* susceptible to amoxicillin.

5. CONTRAINDICATIONS

Do not use in case of hypersensitivity to penicillins, to other beta-lactams or to any of the excipients.

Do not use orally in rabbits, guinea pigs, hamsters or other small herbivores, given that amoxicillin, as for all aminopenicillins, has deleterious effects on caecal bacteria.

Do not use in horse given that amoxicillin, as all aminopenicillins, has an important effect on caecal bacteria.

Do not use orally in animals with functional rumen.

Do not use in animals with renal disease, including anuria and oliguria.

6. ADVERSE REACTIONS

In very rare cases the following adverse reactions may appear:

Hypersensitivity reactions, which may occasionally be serious, may occur, the severity varying from skin rash to anaphylactic shock.

Gastrointestinal symptoms (vomiting, diarrhoea).

Secondary infections from non-sensitive microorganisms after prolonged use.

The frequency of adverse reactions is defined using the following convention:

- very common (more than 1 in 10 animals treated displaying adverse reaction(s))
- common (more than 1 but less than 10 animals in 100 animals treated)
- uncommon (more than 1 but less than 10 animals in 1,000 animals treated)
- rare (more than 1 but less than 10 animals in 10,000 animals treated)
- very rare (less than 1 animal in 10,000 animals treated, including isolated reports).

If you notice any side effects, even those not already listed in this package leaflet or you think that the medicine has not worked, please inform your veterinary surgeon.

Alternatively you can report via your national reporting system {national system details}.

7. TARGET SPECIES

Pigs

Chicken (broiler), duck (duck broiler) and turkey (turkey for meat production)

8. DOSAGE FOR EACH SPECIES, ROUTE(S) AND METHOD OF ADMINISTRATION

For administration in drinking water. Clear and colourless liquid when in solution.

Medicated drinking water should be refreshed or replaced every 24 hours.

The uptake of medicated water depends on the clinical condition of the animals, the environment, the age and the kind of feed provided. In order to obtain the correct dosage, the concentration of active substance has to be adjusted accordingly.

Dosage and treatment regimen

Pigs: 20 mg of amoxicillin trihydrate – equivalent to 17.4 mg of amoxicillin/kg of body weight every 24 hours (corresponding to 40 mg product/kg bodyweight/day) for 4 days.

Broilers: 15 mg of amoxicillin trihydrate – equivalent to 13.1 mg of amoxicillin/kg of body weight every 24 hours (corresponding to 30 mg product/kg bodyweight/day) for 5 days.

Duck broilers: 20 mg of amoxicillin trihydrate – equivalent to 17.4 mg of amoxicillin/kg of body weight every 24 hours (corresponding to 40 mg product/kg bodyweight/day) for 3 days.

Turkeys for meat production: 15 to 20 mg of amoxicillin trihydrate – equivalent to 13.1 to 17.4 mg of amoxicillin/kg of body weight every 24 hours (corresponding to 30-40 mg product/kg bodyweight/day) for 5 days.

9. ADVICE ON CORRECT ADMINISTRATION

Use the following formula in order to calculate the quantity of the product (mg) that should be incorporated in the drinking water tank:

$$\frac{\text{Dose (mg product per kg body weight per day)} \times \text{mean body weight (kg) of animals to be treated}}{\text{mean daily water consumption (litre) per animal per day}} = \text{___ mg product per litre drinking water}$$

The product must first be diluted in a small quantity of water in order to obtain a stock solution which is either further diluted in the drinking water tank or introduced via a water proportioner pump. When using a proportioner, adjust the pump between 2 to 5% and adapt the volume of preparation accordingly. The maximum solubility of the product is 20 g/l.

The use of suitably calibrated weighing equipment for the administration of the calculated amount of the product is recommended.

To ensure a correct dosage, bodyweight should be determined as accurately as possible to avoid underdosing.

Prepare the solution with fresh tap water immediately before use.

Water uptake should be monitored at frequent intervals during medication.

In order to ensure consumption of the medicated water, animals should not have access to other water supplies whilst being treated.

After the end of the medication period, the water supply system should be cleaned appropriately to avoid intake of sub-therapeutic amounts of the active substance.

10. WITHDRAWAL PERIOD(S)

Meat and offal: Pigs: 6 days.

Chickens: 1 day.

Turkeys: 5 days.

Ducks: 9 days.

Not authorised for use in birds producing eggs for human consumption and within 4 weeks before onset of the laying period.

11. SPECIAL STORAGE PRECAUTIONS

Keep out of the sight and reach of children.

This veterinary medicinal product does not require any special storage conditions.

Do not use this veterinary medicinal product after the expiry date which is stated on the label after EXP. The expiry date refers to the last day of that month.

Shelf-life after first opening the container: 3 months.

Shelf life after reconstitution in water according to directions: 16 hours.

12. SPECIAL WARNING(S)

Special warnings for each target species:

The use of the product should be combined with good management practices, i.e. good hygiene, proper ventilation, no overstocking.

The uptake of medication by animals can be altered as a consequence of illness. In case of insufficient uptake of water, animals should be treated parenterally.

Special precautions for use in animals:

Not effective against beta-lactamase producing organisms.

Use of the product should be based on susceptibility testing of the bacteria isolated from the animals. If this is not possible, therapy should be based on local (regional, farm level) epidemiological information about susceptibility of the target bacteria.

Official, national and regional antimicrobial policies should be taken into account when the product is used.

Use of the product deviating from the instructions given in the SPC may increase the prevalence of bacteria resistant to amoxicillin and may decrease the effectiveness of treatment with other penicillins, due to the potential for crossresistance.

Special precautions to be taken by the person administering the veterinary medicinal product to animals:

Penicillins and cephalosporins may cause hypersensitivity reactions (allergy) following injection, inhalation, ingestion or contact with the skin. Hypersensitivity to penicillins may lead to cross reactions to cephalosporins and vice versa. Allergic reactions to these substances may occasionally be serious. This product might be irritant to skin, eyes and mucous membranes.

Do not handle the product if you are allergic to penicillins and/or cephalosporins or if you have been advised not to work with such preparations.

Handle the product with great care to avoid inhaling the dust and contact with the skin, eyes and mucous membranes, during preparation and administration of medicated water, taking special precautions.

Personal protective equipment consisting of either a disposable half-mask respirator conforming to European Standard EN149 or a non-disposable respirator to European Standard EN140 with a filter to EN143, gloves, overalls

and approved goggles should be worn when handling the veterinary medicinal product or medicated water.

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

Wash hands after use.

In case of contact with the skin, eyes and mucous membranes, rinse with plenty of clean water.

If symptoms appear following exposure, such as a skin rash, seek medical advice and show the package leaflet or the label to the physician. Swelling of the face, lips or eyes or difficulty with breathing are more serious symptoms and require urgent medical attention.

Use during pregnancy and lactation:

Laboratory studies in rats and mice have not produced any evidence of teratogenic, foetotoxic, maternotoxic effects.

The safety of the veterinary medicinal product has not been established during pregnancy or lactation in pigs; Use only according to the benefit-risk assessment by the responsible veterinarian.

Interaction with other medicinal products and other forms of interaction:

Do not use simultaneously with neomycin since it blocks the absorption of oral penicillins.

Do not use together with bacteriostatic antibiotics, such as tetracyclines, macrolides, sulphonamides, as they can antagonise the bactericidal effect of penicillins.

Overdose (symptoms, emergency procedures, antidotes):

No other adverse reactions are known than those mentioned in section 6.

In case of overdose, the treatment should be symptomatic. No specific antidote is available.

Incompatibilities:

In the absence of compatibility studies, this veterinary medicinal product must not be mixed with other veterinary medicinal products.

13. SPECIAL PRECAUTIONS FOR THE DISPOSAL OF UNUSED PRODUCT OR WASTE MATERIALS, IF ANY

Medicines should not be disposed of via wastewater or household waste. Ask your veterinary surgeon or pharmacist how to dispose of medicines no longer required. These measures should help to protect the environment.

14. DATE ON WHICH THE PACKAGE LEAFLET WAS LAST APPROVED

15. OTHER INFORMATION

Pack sizes: bags of 400 g and 1 kg.
Not all pack sizes may be marketed.

PARTICULARS TO APPEAR ON THE IMMEDIATE PACKAGE - COMBINED LABEL AND PACKAGE LEAFLET

**Rhemox 500 mg/g powder for use in drinking water for pigs, chicken broilers, duck broilers and turkeys for meat production
Amoxicillin trihydrate**

1. Name and address of the marketing authorisation holder and of the manufacturing authorisation holder responsible for batch release, if different

Marketing authorisation holder:

Industrial Veterinaria S.A.
Esmeralda, 19
E-08950 Esplugues de Llobregat
(Barcelona) Spain

Manufacturer responsible for batch release:

aniMedica Herstellungs GmbH
Pappelstr. 7 72160 Horb a. N
Germany

2. Name of the veterinary medicinal product

Rhemox 500 mg/g powder for use in drinking water for pigs, chicken broilers, duck broilers and turkeys for meat production

Amoxicillin trihydrate

3. Statement of the active substance(s) and other ingredient(s)

Each gram contains:

Active substance:

Amoxicillin trihydrate 500 mg
(Equivalent to 435.6 mg Amoxicillin)

“Only for France:”

Amoxicillin (as trihydrate) 435.6 mg
(Equivalent to 500 mg of Amoxicillin trihydrate)
Fine and homogeneous white to cream white powder.

4. Pharmaceutical form

Powder for use in drinking water.

5. Package size

1 kg

6. Indication(s)

Pigs: Treatment of infections caused by strains of *Streptococcus suis* susceptible to amoxicillin.

Chicken broilers, duck broilers and turkeys for meat production: Treatment of pasteurellosis and colibacillosis caused by strains of *Pasteurella spp.* and *Escherichia coli* susceptible to amoxicillin.

7. Contraindications

Do not use in case of hypersensitivity to penicillins, to other beta-lactams or to any of the excipients.

Do not use orally in rabbits, guinea pigs, hamsters or other small herbivores, given that amoxicillin, as for all aminopenicillins, has deleterious effects on caecal bacteria.

Do not use in horse given that amoxicillin, as all aminopenicillins, has an important effect on caecal bacteria.

Do not use orally in animals with functional rumen.

Do not use in animals with renal disease, including anuria and oliguria.

8. Adverse reactions

In very rare cases the following adverse reactions may appear:

Hypersensitivity reactions, which may occasionally be serious, may occur, the severity varying from skin rash to anaphylactic shock.

Gastrointestinal symptoms (vomiting, diarrhoea).

Secondary infections from non-sensitive microorganisms after prolonged use.

The frequency of adverse reactions is defined using the following convention:

- very common (more than 1 in 10 animals treated displaying adverse reaction(s))
- common (more than 1 but less than 10 animals in 100 animals treated)
- uncommon (more than 1 but less than 10 animals in 1,000 animals treated)
- rare (more than 1 but less than 10 animals in 10,000 animals treated)
- very rare (less than 1 animal in 10,000 animals treated, including isolated reports).

If you notice any side effects, even those not already listed in this package leaflet or you think that the medicine has not worked, please inform your veterinary surgeon.

Alternatively you can report via your national reporting system {national system details}.

9. Target species

Pigs

Chicken (broiler), duck (duck broiler) and turkey (turkey for meat production)

10. Dosage for each species, route(s) and method of administration

For administration in drinking water. Clear and colourless liquid when in solution. Medicated drinking water should be refreshed or replaced every 24 hours. The uptake of medicated water depends on the clinical condition of the animals, the environment, the age and the kind of feed provided. In order to obtain the correct dosage, the concentration of active substance has to be adjusted accordingly.

Dosage and treatment regimen

Pigs: 20 mg of amoxicillin trihydrate – equivalent to 17.4 mg of amoxicillin/kg of body weight every 24 hours (corresponding to 40 mg product/kg bodyweight/day) for 4 days.

Broilers: 15 mg of amoxicillin trihydrate – equivalent to 13.1 mg of amoxicillin/kg of body weight every 24 hours (corresponding to 30 mg product/kg bodyweight/day) for 5 days.

Duck broilers: 20 mg of amoxicillin trihydrate – equivalent to 17.4 mg of amoxicillin/kg of body weight every 24 hours (corresponding to 40 mg product/kg bodyweight/day) for 3 days.

Turkeys for meat production: 15 to 20 mg of amoxicillin trihydrate – equivalent to 13.1 to 17.4 mg of amoxicillin/kg of body weight every 24 hours (corresponding to 30-40 mg product/kg bodyweight/day) for 5 days.

11. Advice on correct administration

Use the following formula in order to calculate the quantity of the product (mg) that should be incorporated in the drinking water tank:

$$\frac{\text{Dose (mg product per kg body weight per day)} \times \text{mean body weight (kg) of animals to be treated}}{\text{mean daily water consumption (litre) per animal per day}} = \text{___ mg product per litre drinking water}$$

The product must first be diluted in a small quantity of water in order to obtain a stock solution which is either further diluted in the drinking water tank or introduced via a water proportioner pump. When using a proportioner, adjust the pump between 2 to 5% and adapt the volume of preparation accordingly. The maximum solubility of the product is 20 g/l.

The use of suitably calibrated weighing equipment for the administration of the calculated amount of the product is recommended.

To ensure a correct dosage, bodyweight should be determined as accurately as possible to avoid underdosing.

Prepare the solution with fresh tap water immediately before use.

Water uptake should be monitored at frequent intervals during medication. In order to ensure consumption of the medicated water, animals should not have access to other water supplies whilst being treated. After the end of the medication period, the water supply system should be cleaned appropriately to avoid intake of sub-therapeutic amounts of the active substance.

12. Withdrawal period

Meat and offal: Pigs: 6 days.
Chickens: 1 day.
Turkeys: 5 days.
Ducks: 9 days.

Not authorised for use in birds producing eggs for human consumption and within 4 weeks before onset of the laying period.

13. Special storage precautions

This veterinary medicinal product does not require any special storage conditions.

Do not use this veterinary medicinal product after the expiry date which is stated on the label after EXP. The expiry date refers to the last day of that month.

14. Special warning(s)

Special warnings for each target species:

The use of the product should be combined with good management practices, i.e. good hygiene, proper ventilation, no overstocking.

The uptake of medication by animals can be altered as a consequence of illness. In case of insufficient uptake of water, animals should be treated parenterally.

Special precautions for use in animals:

Not effective against beta-lactamase producing organisms.

Use of the product should be based on susceptibility testing of the bacteria isolated from the animals. If this is not possible, therapy should be based on local (regional, farm level) epidemiological information about susceptibility of the target bacteria.

Official, national and regional antimicrobial policies should be taken into account when the product is used.

Use of the product deviating from the instructions given in the SPC may increase the prevalence of bacteria resistant to amoxicillin and may decrease the effectiveness of treatment with other penicillins, due to the potential for crossresistance.

Special precautions to be taken by the person administering the veterinary medicinal product to animals:

Penicillins and cephalosporins may cause hypersensitivity reactions (allergy) following injection, inhalation, ingestion or contact with the skin. Hypersensitivity to penicillins may lead to cross reactions to cephalosporins and vice versa.

Allergic reactions to these substances may occasionally be serious. This product might be irritant to skin, eyes and mucous membranes.

Do not handle the product if you are allergic to penicillins and/or cephalosporins or if you have been advised not to work with such preparations.

Handle the product with great care to avoid inhaling the dust and contact with the skin, eyes and mucous membranes, during preparation and administration of medicated water, taking special precautions.

Personal protective equipment consisting of either a disposable half-mask respirator conforming to European Standard EN149 or a non-disposable respirator to European Standard EN140 with a filter to EN143, gloves, overalls and approved goggles should be worn when handling the veterinary medicinal product or medicated water.

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

Wash hands after use.

In case of contact with the skin, eyes and mucous membranes, rinse with plenty of clean water.

If symptoms appear following exposure, such as a skin rash, seek medical advice and show the package leaflet or the label to the physician. Swelling of the face, lips or eyes or difficulty with breathing are more serious symptoms and require urgent medical attention.

Use during pregnancy and lactation:

Laboratory studies in rats and mice have not produced any evidence of teratogenic, foetotoxic, maternotoxic effects.

The safety of the veterinary medicinal product has not been established during pregnancy or lactation in pigs; Use only according to the benefit-risk assessment by the responsible veterinarian.

Interaction with other medicinal products and other forms of interaction:

Do not use simultaneously with neomycin since it blocks the absorption of oral penicillins.

Do not use together with bacteriostatic antibiotics, such as tetracyclines, macrolides, sulphonamides, as they can antagonise the bactericidal effect of penicillins.

Overdose (symptoms, emergency procedures, antidotes):

No other adverse reactions are known than those mentioned in section 6.

In case of overdose, the treatment should be symptomatic. No specific antidote is available.

Incompatibilities:

In the absence of compatibility studies, this veterinary medicinal product must not be mixed with other veterinary medicinal products.

15. Special precautions for the disposal of unused product or waste materials, if any

Medicines should not be disposed of via wastewater or household waste. Ask your veterinary surgeon or pharmacist how to dispose of medicines no longer required. These measures should help to protect the environment.

16. Date on which the package leaflet was last approved

DD month YYYY

17. Other information

Pack sizes: bags of 400 g and 1 kg.
Not all pack sizes may be marketed.

18. The words “For animal treatment only” and conditions or restrictions regarding supply and use, if applicable

For animal treatment only. To be supplied only on veterinary prescription. Administration by a veterinary surgeon, or under their direct responsibility.

19. The words “Keep out of the sight and reach of children”

Keep out of the sight and reach of children.

20. Expiry date

EXP {month/year}
Shelf-life after first opening the container: 3 months.
Shelf life after reconstitution in water according to directions: 16 hours.
Once opened, use by...

21. Marketing authorisation number

Vm 36547/4005

22. Manufacturer’s batch number

Batch {number}

Approved 14 September 2023

