

PARTICULARS TO APPEAR ON THE IMMEDIATE PACKAGE {Bag of 1 kg and 5 kg}

1. NAME OF THE VETERINARY MEDICINAL PRODUCT

GalluDoxx 500 mg/g powder for use in drinking water/milk.

2. STATEMENT OF ACTIVE SUBSTANCES

1 gram contains:

Doxycycline hyclate 500 mg (equivalent to 433 mg doxycycline).

3. PACKAGE SIZE

1 kg (5 kg).

4. TARGET SPECIES

Cattle (calves), chickens (broilers, breeders, replacement pullets) and turkeys.

5. INDICATIONS

6. ROUTES OF ADMINISTRATION

Oral use, after dissolution in drinking water/milk.

7. WITHDRAWAL PERIODS

Withdrawal period

Cattle (pre-ruminant calves):	Meat and offal: 28 days
Turkeys:	Meat and offal: 28 days
Chickens (broilers, breeders, replacement pullets):	Meat and offal: 14 days

Not authorised for use in birds producing eggs for human consumption.

8. EXPIRY DATE

Exp. {mm/yyyy}

Shelf life after first opening of the immediate packaging: 3 months.

Shelf life after reconstitution in drinking water: 24 hours.

Shelf life after reconstitution in milk replacer: Use immediately. Do not store.

Once opened, use by:

9. SPECIAL STORAGE PRECAUTIONS

This veterinary medicinal product does not require any special temperature storage conditions. After first opening keep the bag tightly closed in order to protect from moisture.

10. THE WORDS “READ THE PACKAGE LEAFLET BEFORE USE”

Read the package leaflet before use.

11. THE WORDS “FOR ANIMAL TREATMENT ONLY”

For animal treatment only.

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

Keep out of the sight and reach of children.

13. NAME OF THE MARKETING AUTHORISATION HOLDER

Huvepharma NV

14. MARKETING AUTHORISATION NUMBERS

Vm 30282/4031

15. BATCH NUMBER

Lot {number}

PARTICULARS TO APPEAR ON THE PACKAGE LEAFLET:

PACKAGE LEAFLET

1. Name of the veterinary medicinal product

GalluDoxx 500 mg/g powder for use in drinking water/milk for calves, chickens and turkeys.

2. Composition

Active substance:

Doxycycline hyclate 500 mg (equivalent to 433 mg doxycycline)

Yellowish powder.

3. Target species

Cattle (calves), chickens (broilers, breeders, replacement pullets) and turkeys.

4. Indications for use

Cattle (pre-ruminant calves)

For the treatment of:

- Pneumonia and shipping fever caused by *Pasteurella* spp. and *Mannheimia haemolytica* infections.

Chickens (broilers, breeders, replacement pullets) and turkeys

For the treatment of:

- Ornithosis caused by *Chlamydophila psittaci* in turkeys;
- Colibacillosis caused by *E. coli* in chickens and turkeys;
- Chronic Respiratory Disease caused by *Mycoplasma gallisepticum* in chickens and turkeys.

5. Contraindications

Do not use in cases of hypersensitivity to the active substance, to other tetracyclines or to the excipient. Do not administer to animals with severe liver or kidney insufficiency.

Do not use when tetracycline resistance has been detected in the herd/flock due to the potential for cross resistance.

6. Special warnings

Special warnings for each target species:

The uptake of medication by animals can be altered as a consequence of illness. In case of insufficient uptake of drinking water or medicated milk replacer, animals

should be treated parenterally It is necessary to administer medicated milk to calves on an individual basis.

Special precautions for safe use in the target species:

Due to variability (time, geographical) in susceptibility of bacteria for doxycycline, bacteriological sampling and susceptibility testing of micro-organisms from diseased animals on farm are highly recommended.

A high resistance rate of *E. coli*, isolated from chickens, against tetracyclines has been documented. Therefore the product should be used for the treatment of infections caused by *E. coli* only after susceptibility testing has been carried out.

As eradication of the target pathogens may not be achieved, medication should therefore be combined with good management practices, e.g. good hygiene, proper ventilation, no overstocking.

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 package leaflet may increase the prevalence of bacteria resistant to doxycycline and may decrease the effectiveness of treatment with other tetracyclines due to the potential for cross-resistance.

Resistance to tetracyclines has also been reported in calf pathogens (*Pasteurella* spp.) in some EU countries.

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

This product may cause contact dermatitis if contact is made with the eyes (powder or solution), or if the product is inhaled. Take measures to avoid producing dust when incorporating the product into water.

Avoid contact with skin and eyes when handling the product to prevent sensitisation and contact dermatitis. People with known hypersensitivity to tetracyclines should avoid contact with the veterinary medicinal product.

During preparation and administration of the medicated drinking water, skin contact with the product and inhalation of dust particles should be avoided
Wear impermeable gloves (e.g. rubber or latex) and an appropriate dust mask (e.g. disposable half-mask respirator conforming to European Standard EN149 or a non-disposable respirator to European Standard EN140 with a filter to EN143) when applying the product. In the event of eye or skin contact, rinse the affected area with large amounts of clean water and if irritation occurs, seek medical attention. Wash hands and contaminated skin immediately after handling the product.

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

If you develop symptoms following exposure such as skin rash, you should seek medical advice and show this warning to the physician. Swelling of the face, lips or

eyes, or difficulty with breathing are more serious symptoms and require urgent medical attention.

Interaction with other medicinal products and other forms of interaction:

Do not use in conjunction with bactericidal antibiotics, such as penicillins and cephalosporins.

Do not administer concurrently with feed overloaded with polyvalent cations such as Ca^{2+} , Mg^{2+} , Zn^{2+} and Fe^{3+} because the formation of doxycycline complexes with these cations is possible. Do not administer together with antacids, kaolin and iron preparations. It is advised that the interval between administration of the product and administration of products containing polyvalent cations should be 1-2 hours because the latter limit the absorption of doxycycline.

Doxycycline increases the action of anticoagulants.

Overdose:

In calves acute, sometimes fatal cardiac muscle degeneration may occur after one or more administrations. Since this is usually related to overdosing, it is important to calculate the dose correctly.

If suspected toxic reactions do occur due to extreme overdose, the medication should be discontinued and appropriate symptomatic treatment should be initiated if necessary.

Laying birds:

Laboratory studies with doxycycline in rats and rabbits have not produced any evidence of teratogenic, embryotoxic or foetotoxic effects.

The safety of the product has not been assessed in breeder chickens. Use only accordingly to benefit-risk assessment by the responsible veterinarian.

Incompatibilities:

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

No information is available on potential interactions or incompatibilities of this veterinary medicinal product administered orally by mixing into drinking water containing biocidal products, feed additives or other substances in drinking water.

7. Adverse events

Cattle (pre-ruminant calves), chickens (broilers, breeders, replacement pullets) and turkeys:

Rare (1 to 10 animals / 10 000 animals treated):	Photosensitivity ¹ Allergic reaction ¹
--	---

¹Treatment should be discontinued.

Reporting adverse events is important. It allows continuous safety monitoring of a product. 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 contact, in the first instance, your veterinarian. You can also report any adverse events to the marketing authorisation holder using the contact details at the end of this leaflet, or via your national reporting system at:

Website: <https://www.gov.uk/report-veterinary-medicine-problem/animal-reacts-medicine>

e-mail: adverse.events@vmd.gov.uk

8. Dosage for each species, routes and method of administration

Route of administration:

Cattle (calves): In drinking water/milk.

Chickens and turkeys: In drinking water use.

Dosing:

Cattle (pre-ruminant):

5 mg doxycycline hyclate per kg body weight, twice a day, equivalent to 10 mg of the product per kg of animal body weight, twice a day, for 4-7 successive days.

Chickens (broilers, breeders, replacement pullets) and turkeys:

20 mg doxycycline hyclate per kg of body weight per day, corresponding to 40 mg of the product per kg of animal body weight, for 4-7 consecutive days.

9. Advice on correct administration

The exact daily amount of product should be calculated according to the following formula, based on the recommended dose, and the number and weight of the animals to be treated:

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

To ensure a correct dosage body weight should be determined as accurately as possible.

The uptake of medicated water is dependent on the clinical conditions of the animals. In order to obtain the correct dosage, the concentration in drinking water may have to be adjusted.

The use of suitably calibrated weighing equipment is recommended if part packs are used. The daily amount is to be added to the drinking water such that all medication will be consumed in 12 hours. Medicated drinking water should be freshly prepared every 12 hours. It is recommended to prepare a concentrated pre-solution - not exceeding 100 grams product per litre drinking water - and to dilute this further to

therapeutic concentrations if required. Alternatively, the concentrated solution can be used in a proportional water medicator. The water should be stirred until full dissolution of the product is obtained. The solubility of doxycycline decreases at higher pH. Therefore the product should not be used in hard alkaline water since precipitation might occur depending on the product concentration. Delayed precipitation might also occur.

Milk replacer: The veterinary medicinal product must first be dissolved in warm water before adding the milk powder - the maximal concentration to be used is 100 grams of product per litre of water. The obtained milk replacer solution must be homogenised and heated to feeding temperature prior to administration. The medicated milk replacer should be freshly prepared prior to use, used immediately and be constantly stirred to avoid sedimentation of the active substance.

If a concentration greater than 200 mg per litre of milk is required, animals should be treated parenterally.

Sufficient access to the system of water supply should be available for the animals to be treated to ensure adequate water consumption. No other source of drinking water should be available during the medication period. At the end of treatment period the water supply should be cleaned adequately to avoid the uptake of remaining quantities in sub-therapeutic doses.

10. Withdrawal periods

Cattle (pre-ruminant calves):	Meat and offal: 28 days
Turkeys:	Meat and offal: 28 days
Chickens (broilers, breeders, replacement pullets):	Meat and offal: 14 days

Not authorised for use in birds producing eggs for human consumption.

11. Special storage precautions

Keep out of the sight and reach of children.

This veterinary medicinal product does not require any special temperature storage conditions. After first opening keep the bag tightly closed in order to protect from moisture.

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

Shelf life after first opening the immediate packaging: 3 months.

Shelf life after reconstitution in drinking water: 24 hours.

Shelf life after reconstitution in milk replacer: Use immediately. Do not store.

12. Special precautions for disposal

Medicines should not be disposed of via wastewater or household waste.

Use take-back schemes for the disposal of any unused veterinary medicinal product or waste materials derived thereof in accordance with local requirements and with any applicable national collection systems. These measures should help to protect the environment.

Ask your veterinary surgeon or pharmacist how to dispose of medicines no longer required.

13. Classification of veterinary medicinal products

Veterinary medicinal product subject to prescription.

14. MARKETING AUTHORISATION NUMBERS AND PACK SIZES

Vm 30282/4031

Bag formed from polyethylene/aluminium/polyethylene terephthalate laminate.

Pack sizes:

Bag of 1 kg.

Bag of 5 kg.

Not all pack sizes may be marketed.

15. PID LINK (Do not print heading)

[The following statement must be included where reference to the European Union Product Database is included on the product information. This statement is relevant to both UK(GB) and UK(NI) products:]

Find more product information by searching for the 'Product Information Database' on www.gov.uk.

16. Contact details

Marketing authorisation holder:

Huvepharma NV

Uitbreidingstraat 80

2600 Antwerp

Belgium

+32 3 288 18 49

pharmacovigilance@huvepharma.com

Manufacturer responsible for the batch release:

Biovet JSC

39 Petar Rakov Str,

4550 Peshtera

Bulgaria

17. Other information

POM-V

Gavin Hall
Approved: 16 July 2025