

PARTICULARS TO APPEAR ON THE OUTER PACKAGE {CARDBOARD BOX}

1. NAME OF THE VETERINARY MEDICINAL PRODUCT

Protivity lyophilisate and solvent for suspension for injection.

2. STATEMENT OF ACTIVE AND OTHER SUBSTANCES

Each dose of 2 ml contains:

Mycoplasma bovis strain N2805-1, live (attenuated) 0.22 x 10⁷ to 15.50 x 10⁷ CFU

3. PACKAGE SIZE

10 doses

4. TARGET SPECIES

Cattle.

5. INDICATIONS

6. ROUTES OF ADMINISTRATION

Subcutaneous use.

7. WITHDRAWAL PERIODS

Withdrawal period: Zero days.

8. EXPIRY DATE

Exp. {mm/yyyy}

Once reconstituted use immediately.

9. SPECIAL STORAGE PRECAUTIONS

Store and transport refrigerated.

Keep the vial in the outer carton in order to protect from light.

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

Zoetis UK Limited

14. MARKETING AUTHORISATION NUMBERS

Vm 42058/5110

15. BATCH NUMBER

Lot {number}

16. SPECIAL WARNING(S), IF NECESSARY

17. SPECIFIC PRECAUTIONS FOR THE DISPOSAL OF UNUSED PRODUCTS OR WASTE MATERIALS, IF ANY

Disposal: Read package leaflet.

18. CONDITIONS OR RESTRICTIONS REGARDING SUPPLY AND USE, IF APPLICABLE

POM-V Veterinary medicinal product subject to prescription

**MINIMUM PARTICULARS TO APPEAR ON SMALL IMMEDIATE PACKAGING
UNITS {LABEL ON GLASS VIAL - LYOPHILISATE (10 DOSES)}**

1. NAME OF THE VETERINARY MEDICINAL PRODUCT

Protivity lyophilisate

**2. QUALITATIVE AND QUANTITATIVE PARTICULARS OF THE ACTIVE
SUBSTANCES**

M. bovis

3. BATCH NUMBER

Lot {number}

4. EXPIRY DATE

Exp. {mm/yyyy}

Once reconstituted use immediately.

5. ROUTE(S) OF ADMINISTRATION

SC

6. THE WORDS "FOR ANIMAL TREATMENT ONLY"

For animal treatment only.

**MINIMUM PARTICULARS TO APPEAR ON SMALL IMMEDIATE PACKAGING
UNITS {LABEL ON GLASS VIAL – SOLVENT (20 ML)}**

1. NAME OF THE VETERINARY MEDICINAL PRODUCT

Protivity solvent

**2. QUALITATIVE AND QUANTITATIVE PARTICULARS OF THE ACTIVE
SUBSTANCES**

3. BATCH NUMBER

Lot {number}

4. EXPIRY DATE

Exp. {mm/yyyy}

Once reconstituted use immediately.

5. ROUTE(S) OF ADMINISTRATION

SC

6. THE WORDS “FOR ANIMAL TREATMENT ONLY”

For animal treatment only.

PARTICULARS TO APPEAR ON THE PACKAGE LEAFLET:

1. NAME OF THE VETERINARY MEDICINAL PRODUCT

Protivity lyophilisate and solvent for suspension for injection for cattle

2. COMPOSITION

Each dose of 2 ml contains:

Active substance:

Lyophilisate:

Mycoplasma bovis strain N2805-1, live (attenuated) 0.22 x 10⁷ to 15.50 x 10⁷ CFU*

* Colony Forming Units.

Excipient:

Solvent:

Water for injections 2 ml

Lyophilisate: slightly coloured (whitish to cream) freeze-dried pellet.

Solvent: clear and colourless liquid.

3. TARGET SPECIES

Cattle.

4. INDICATIONS FOR USE

For active immunisation of calves from 1 week of age to reduce clinical signs and lung lesions caused by *Mycoplasma bovis* infection.

Onset of immunity: 12 days after the basic vaccination scheme.

Duration of immunity: has not been established.

5. CONTRAINDICATIONS

None.

6. SPECIAL WARNINGS

Special warnings:

Vaccinate healthy animals only.

The potential impact of maternally derived antibodies on efficacy of vaccination has not been established.

The product is a live attenuated vaccine. Antimicrobials active against *Mycoplasma* spp. should not be given 15 days before or after vaccination or during the two-dose basic vaccination scheme as they could interfere with vaccine efficacy. Within these

time frames, and in the situation where a clinical condition requires the prescription of antimicrobials, preference should be given to those with no anti-*Mycoplasma* spp. activity.

Special precautions for safe use in the target species:

The safety of the veterinary medicinal product has not been established in breeding bulls.

The live attenuated *Mycoplasma bovis* vaccine strain may disseminate into synovial fluid, lymph node, middle ear, conjunctiva, tonsil and lung tissue after vaccination.

In a laboratory study conducted using a dose 7-fold higher than the maximum bacterial content, nasal shedding was observed for at least 9 days post-vaccination in an animal vaccinated through intramuscular and subcutaneous routes. However, the vaccine strain did not spread to in-contact control animals.

Distinguishing between field strains and the vaccine strain of *M. bovis* can be performed by whole genome sequencing tests. Additional information to differentiate the vaccine strain from field strains is available upon request from the marketing authorisation holder.

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

No special precautions to be taken by the person administering the veterinary medicinal product to animals are necessary as *M. bovis* is not considered to present a risk to healthy humans. However, in case of development of adverse reactions following accidental self-injection, seek medical advice immediately and show the package leaflet or the label to the physician.

Special precautions for the protection of the environment:

Not applicable.

Pregnancy and lactation:

The safety of the veterinary medicinal product has not been established during pregnancy and lactation.

Interaction with other medicinal products and other forms of interaction:

No information is available on the safety and efficacy of this vaccine when used with any other veterinary medicinal product. A decision to use this vaccine before or after any other veterinary medicinal product therefore needs to be made on a case by case basis.

Overdose:

No other adverse events than those mentioned in section "Adverse events" were observed after administration of a 10-fold overdose of the vaccine. Swelling at the injection site may have a diameter of more than 5 cm and will spontaneously resolve in 4 days. The volume of the observed nodule may be up to 3 cm³, can be observed from 5 days post vaccination and may last until 16 days after administration of a 10-fold overdose of the vaccine.

Special restrictions for use and special conditions for use:

Not applicable.

Major incompatibilities:

Do not mix with any other veterinary medicinal product, except solvent supplied for use with the veterinary medicinal product.

7. ADVERSE EVENTS

Cattle:

Very common (>1 animal / 10 animals treated):
injection site swelling ¹
Common (1 to 10 animals / 100 animals treated):
injection site pain ²
injection site warmth ²
injection site nodule ³
Uncommon (1 to 10 animals / 1,000 animals treated):
lameness

¹More than 5 cm in diameter observed on the day of vaccine administration and resolving spontaneously within 3 days.

²On the day of vaccine administration.

³Less than 0.8 cm³ in volume observed from 10 days after vaccination and lasting between 1 to 5 days.

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: {national system details}.

8. DOSAGE FOR EACH SPECIES, ROUTES, AND METHOD OF ADMINISTRATION

Dose: 2 ml.

Route: vaccinate cattle by the subcutaneous route in the neck.

Vaccination scheme:

Basic vaccination: two doses, each of 2 ml, should be administered 3 weeks apart to calves from 1 week of age. The second dose should preferably be administered on the alternate side of the neck.

9. ADVICE ON CORRECT ADMINISTRATION

Reconstitute the lyophilisate with the solvent to obtain a suspension for injection.

After reconstitution, the suspension should be pinkish to orange-brown turbid in color.

10. WITHDRAWAL PERIODS

Zero days.

11. SPECIAL STORAGE PRECAUTIONS

Keep out of the sight and reach of children.

Store and transport refrigerated (2 °C – 8 °C).
Keep the vial in the outer carton in order to protect from light.

Do not use this veterinary medicinal product after the expiry date which is stated on the label after Exp.

Shelf life after reconstitution according to directions: use immediately.

12. SPECIAL PRECAUTIONS FOR DISPOSAL

Medicines should not be disposed of via wastewater.

Any unused veterinary medicinal product or waste materials derived from such veterinary medicinal product should be disposed of in accordance with local requirements.

Ask your veterinary surgeon or pharmacist how to dispose of medicines no longer required. These measures should help to protect the environment.

13. CLASSIFICATION OF VETERINARY MEDICINAL PRODUCTS

Veterinary medicinal product subject to prescription.

14. MARKETING AUTHORISATION NUMBERS AND PACK SIZES

Vm 42058/5110

Type I hydrolytic glass vials containing 10 doses of lyophilisate or 20 ml of solvent.

Lyophilisate: bromobutyl rubber stoppers and aluminium caps.
Solvent: chlorobutyl rubber stoppers and aluminium caps.

Cardboard box containing 1 vial with 10 doses of lyophilisate and 1 vial with 20 ml solvent.

15. DATE ON WHICH THE PACKAGE LEAFLET WAS LAST REVISED

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

16. CONTACT DETAILS

Marketing authorisation holder and contact details to report suspected adverse reactions:

Zoetis UK Limited
1st Floor, Birchwood Building
Springfield Drive
Leatherhead
Surrey

KT22 7LP

Manufacturer responsible for batch release:

Zoetis Belgium
Rue Laid Burniat 1
1348 Louvain-La-Neuve
Belgium

17. OTHER INFORMATION

The vaccine induces an active immunity against *Mycoplasma bovis* in young calves.

Duration of immunity has not been established. The basic vaccination scheme induces a serological response. Within a laboratory study conducted, a single dose administration approximately 14 weeks after the basic vaccination scheme induced an anamnestic immune response in vaccinated animals.

POM-V Veterinary medicinal product subject to prescription

For animal treatment only.

Approved 01 March 2024

