

## **LABELLING AND PACKAGE LEAFLET**

## **A. LABELLING**

**PARTICULARS TO APPEAR ON THE OUTER PACKAGE**

**CARDBOARD BOX containing vial(s) of lyophilisate and solvent (1, 5 and 10 dose presentations) or one vial of lyophilisate (20, 25 and 50 dose presentations)**

**1. NAME OF THE VETERINARY MEDICINAL PRODUCT**

Bovilis INtranasal RSP Live, nasal spray, lyophilisate and solvent for suspension for cattle

**2. STATEMENT OF ACTIVE SUBSTANCES**

Each dose (2 ml) contains:

Live BRSV, strain Jencine-2013: 5.0 – 7.0 log<sub>10</sub> TCID<sub>50</sub>

Live PI3, strain INT2-2013: 4.8 – 7.3 log<sub>10</sub> TCID<sub>50</sub>

**3. PHARMACEUTICAL FORM**

Nasal spray, lyophilisate and solvent for suspension

**4. PACKAGE SIZE**

1 dose of lyophilisate + 2 ml of solvent

5 doses of lyophilisate + 10 ml of solvent

10 doses of lyophilisate + 20 ml of solvent

5 x 1 dose of lyophilisate + 5 x 2 ml of solvent

5 x 5 doses of lyophilisate + 5 x 10 ml of solvent

5 x 10 doses of lyophilisate + 5 x 20 ml of solvent

20 doses of lyophilisate

25 doses of lyophilisate

50 doses of lyophilisate

**5. TARGET SPECIES**

Cattle

**6. INDICATION(S)****7. METHOD AND ROUTE(S) OF ADMINISTRATION**

Nasal use.

2 ml of vaccine per animal.

Read the package leaflet before use.

**8. WITHDRAWAL PERIOD(S)**

Withdrawal period: Zero days.

**9. SPECIAL WARNING(S), IF NECESSARY**

Read the package leaflet before use.

**10. EXPIRY DATE**

EXP {month/year}  
Once reconstituted use within 6 hours.

**11. SPECIAL STORAGE CONDITIONS**

Store in a refrigerator. Do not freeze. Protect from light.

**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.

**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**

MSD Animal Health UK Ltd.  
Walton Manor, Walton  
Milton Keynes  
MK7 7AJ

**16. MARKETING AUTHORISATION NUMBER(S)**

Vm 01708/5104

**17. MANUFACTURER’S BATCH NUMBER**

Lot {number}

**PARTICULARS TO APPEAR ON THE OUTER PACKAGE**

**CARDBOARD BOX (solvent only) containing 1 x 40 ml, 1 x 50 ml or 1 x 100 ml solvent vial**

**1. NAME OF THE VETERINARY MEDICINAL PRODUCT**

Unisolve  
Solvent for Bovilis INtranasal RSP Live

**2. STATEMENT OF ACTIVE SUBSTANCES**

**3. PHARMACEUTICAL FORM**

**4. PACKAGE SIZE**

40 ml (20 doses)  
50 ml (25 doses)  
100 ml (50 doses)

**5. TARGET SPECIES**

Cattle

**6. INDICATION(S)**

**7. METHOD AND ROUTE(S) OF ADMINISTRATION**

Nasal use.  
Read the package leaflet before use.

**8. WITHDRAWAL PERIOD(S)**

Withdrawal period: Zero days.

**9. SPECIAL WARNING(S), IF NECESSARY**

Read the package leaflet before use.

**10. EXPIRY DATE**

EXP {month/year}  
Once reconstituted use within 6 hours.

**11. SPECIAL STORAGE CONDITIONS**

Store in a refrigerator. Do not freeze. Protect from light. Store below 25°C if stored independently from the lyophilisate.

**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.

**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**

MSD Animal Health UK Ltd.  
Walton Manor, Walton  
Milton Keynes  
MK7 7AJ

**16. MARKETING AUTHORISATION NUMBER(S)**

Vm 01708/5104

**17. MANUFACTURER'S BATCH NUMBER**

Lot {number}

**MINIMUM PARTICULARS TO APPEAR ON SMALL IMMEDIATE PACKAGING UNITS**

**VIAL LABEL – Lyophilisate (vial of 1 dose, 5 doses, 10 doses, 20 doses, 25 doses and 50 doses)**

**1. NAME OF THE VETERINARY MEDICINAL PRODUCT**

Bovilis INtranasal RSP Live, nasal spray, lyophilisate for suspension



**2. QUANTITY OF THE ACTIVE SUBSTANCE(S)**

Each dose (2 ml):  
BRSV: 5.0 – 7.0 log<sub>10</sub> TCID<sub>50</sub>  
PI3: 4.8 – 7.3 log<sub>10</sub> TCID<sub>50</sub>

**3. CONTENTS BY WEIGHT, BY VOLUME OR BY NUMBER OF DOSES**

1 dose  
5 doses  
10 doses  
20 doses  
25 doses  
50 doses

**4. ROUTE(S) OF ADMINISTRATION**

Nasal use.

**5. WITHDRAWAL PERIOD(S)**

Withdrawal period: 0 days.

**6. BATCH NUMBER**

Lot {number}

**7. EXPIRY DATE**

EXP {month/year}

Once reconstituted use within 6 hours.

**8. THE WORDS “FOR ANIMAL TREATMENT ONLY”**

For animal treatment only.

**PARTICULARS TO APPEAR ON IMMEDIATE VIAL LABEL OF THE SOLVENT**

**VIAL LABEL – Solvent (vial of 2 ml, 10 ml, 20 ml, 40 ml, 50 ml and 100 ml)**

**1. NAME OF THE VETERINARY MEDICINAL PRODUCT**

Unisolve  
Solvent for Bovilis INtranasal RSP Live



**2. CONTENTS BY WEIGHT, BY VOLUME OR BY NUMBER OF DOSES**

2 ml	
10 ml	
20 ml	
40 ml	(20 doses)
50 ml	(25 doses)
100 ml	(50 doses)

**3. ROUTE(S) OF ADMINISTRATION**

Read package leaflet.

**4. STORAGE CONDITIONS**

Store below 25°C. Do not freeze.

**5. BATCH NUMBER**

Lot {number}

**6. EXPIRY DATE**

EXP {month/year}

**7. THE WORDS “FOR ANIMAL TREATMENT ONLY”**

For animal treatment only.



## **B. PACKAGE LEAFLET**

**PACKAGE LEAFLET:**  
**Bovilis INtranasal RSP Live, nasal spray, lyophilisate and solvent for suspension for cattle**

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

Marketing authorisation holder:

MSD Animal Health UK Ltd.  
Walton Manor, Walton  
Milton Keynes  
Buckinghamshire, MK7 7AJ

Manufacturer responsible for batch release:

Intervet International B.V.  
Wim de Körverstraat 35  
5831AN Boxmeer  
The Netherlands

**2. NAME OF THE VETERINARY MEDICINAL PRODUCT**

Bovilis INtranasal RSP Live, nasal spray, lyophilisate and solvent for suspension for cattle

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

Each dose of 2 ml contains:

Live bovine respiratory syncytial virus (BRSV), strain Jencine-2013: 5.0 – 7.0 log<sub>10</sub> TCID<sub>50</sub>\*

Live bovine parainfluenza virus type 3 (PI3), strain INT2-2013: 4.8 – 7.3 log<sub>10</sub> TCID<sub>50</sub>\*

\*50% tissue culture infective dose

Lyophilisate: off-white or cream-coloured cake.

Solvent: clear colourless solution.

**4. INDICATION(S)**

For active immunisation of calves from the day of birth onwards to reduce clinical signs of respiratory disease and viral shedding from infection with BRSV and PI3.

Onset of immunity: BRSV: 6 days (for calves vaccinated from the day of birth onwards)

5 days (for calves vaccinated from the age of 1 week onwards)

PI3: 1 week

Duration of immunity: 12 weeks

## 5. CONTRAINDICATIONS

None.

## 6. ADVERSE REACTIONS

A mild and transient nasal discharge may very commonly occur during two days following vaccination.

Mild and transient spontaneous coughing may commonly occur which normally resolves in three days. A mild and transient ocular discharge may commonly occur which normally resolves in two days. A transient rise in respiration rate may commonly occur which normally resolves within four days. A transient minor rise in body temperature may very commonly occur following vaccination (very rarely up to 41.1 °C) which normally resolves within four days.

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.

## 7. TARGET SPECIES

Cattle.

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

Nasal use.

Calves can be vaccinated from the day of birth onwards.

Reconstitute lyophilisate with solvent as described below. Ensure that the lyophilisate is completely reconstituted before use.

Administer a single dose of 2 ml reconstituted vaccine per animal, 1 ml in each nostril.

Doses per vial	Solvent volume required	dose volume
1	2 ml	2 ml
5	10 ml	2 ml
10	20 ml	2 ml
20	40 ml	2 ml
25	50 ml	2 ml
50	100 ml	2 ml

## **9. ADVICE ON CORRECT ADMINISTRATION**

### Instructions for reconstitution:

#### 1, 5 and 10 dose presentations

For proper reconstitution of the lyophilisate, transfer the solvent to the vial with the lyophilisate (2 ml for the 1 dose, 10 ml for the 5 dose and 20 ml for the 10 dose; also see the table above) using a needle and syringe. The vacuum in the vaccine vial will allow quick emptying of the syringe. Then resuspend by shaking. The vaccine suspension can be drawn up in a syringe with a clean tip. The vaccine in the syringe is now ready for administration, directly from the tip of the syringe. A spraying device is not required.

#### 20, 25 and 50 dose presentations

For proper reconstitution of the lyophilisate, transfer 20 ml of the solvent to the vial with the lyophilisate using a needle and syringe. The vacuum in the vaccine vial will allow quick emptying of the syringe. Then resuspend by shaking. Completely draw up the vaccine suspension and transfer it back to the solvent vial in order to get the correct dose/volume ratio for the respective presentation (40 ml for the 20 dose, 50 ml for the 25 dose and 100 ml for the 50 dose; see table). The vaccine suspension can be drawn up in a syringe with a clean tip. The vaccine in the syringe is now ready for administration, directly from the tip of the syringe. A spraying device is not required.

When vaccinating animals, it is recommended to change syringes or tips of a multi-dose syringe between animals to avoid transmission of pathogens.

Visual appearance after reconstitution: off-pink or pink coloured suspension.

## **10. WITHDRAWAL PERIOD(S)**

Zero days.

## **11. SPECIAL STORAGE PRECAUTIONS**

Keep out of the sight and reach of children.

### Lyophilisate:

Store in a refrigerator (2 °C – 8 °C).

Do not freeze. Protect from light.

### Solvent:

Store below 25°C if stored independently from the lyophilisate.

Do not freeze.

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

Shelf life after reconstitution according to directions: 6 hours.

## **12. SPECIAL WARNING(S)**

### Special warnings for each target species:

Vaccinate healthy animals only.

Animals should be preferably vaccinated at least 5 – 7 days before a period of stress or increased infection pressure.

The efficacy against BRSV may be reduced by presence of maternally derived antibodies.

### Special precautions for use in animals:

Vaccinated calves may excrete the vaccine strains up to 12 days following vaccination.

It is recommended to vaccinate all calves of the herd.

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

Not applicable.

### Pregnancy and lactation:

Do not use 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 (symptoms, emergency procedures, antidotes):

At 10-fold overdose, no other signs than those described under section Adverse Reactions have been observed. In individual calves exposed to very high vaccine dosages (150-fold maximum dose) signs of moderate to severe respiratory disease have been observed.

### Incompatibilities:

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

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

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

## **14. DATE ON WHICH THE PACKAGE LEAFLET WAS LAST APPROVED**

July 2022

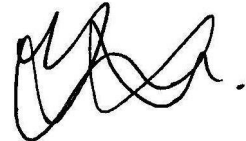
## 15. OTHER INFORMATION

### Pack sizes:

Cardboard box with:

- 1 dose of lyophilisate + 2 ml of solvent
- 5 doses of lyophilisate + 10 ml of solvent
- 10 doses of lyophilisate + 20 ml of solvent
- 5 x 1 dose of lyophilisate + 5 x 2 ml of solvent
- 5 x 5 doses of lyophilisate + 5 x 10 ml of solvent
- 5 x 10 doses of lyophilisate + 5 x 20 ml of solvent
  
- Cardboard box with 20 doses of lyophilisate + cardboard box with 40 ml of solvent
- Cardboard box with 25 doses of lyophilisate + cardboard box with 50 ml of solvent
- Cardboard box with 50 doses of lyophilisate + cardboard box with 100 ml of solvent

Not all pack sizes may be marketed.



Approved: 15 June 2023