Dry Cow Intramammary
Teat Sealant Device

Non-antibiotic
Each syringe contains 4 g
intramammary paste
Containing 65%
Bismuth Subnitrate
For use in nonlactating
dairy cattle
For animal use only

Read Entire Package Insert
Carefully Before Using This Product
Orbeseal is a sterile, antibiotic-free, off-white smooth paste. It is pre-
sent in syringes, each containing 4 g of intramam-
mary infusion composed of 65% Bismuth Subnitrate, in a mineral oil
vehicle. Orbeseal is indicated as an aid in the prevention of new intra-
mammary infection throughout the dry period by providing a malleable
barrier in the teat canal. This results in a reduction in the inci-
dence of clinical mastitis in the dry period.

It is recommended that Orbeseal be used as part of a herd approach to
dry cow management and mastitis control.

WITHDRAWAL INFORMATION: For use in dry cows only. Zero-day milk
and meat withdrawal when used alone. If Orbeseal is administered
following an antibiotic infusion, the withdrawal periods for meat and
milk for the antibiotic must be observed.

PRECAUTIONS: Keep out of reach
of children. For animal treatment
only. If Orbeseal gets on skin, wash
with soap and warm water. If acci-
dently administered to a lactating
cow, product can be stripped out
by hand. A SDS may be obtained by
calling Zoetis Inc. Customer Support
at 1-888-963-8471.

ADVERSE REACTIONS: Mastitis-
causing bacteria introduced into
the teat at the time of infusion of
Orbeseal have been associated
with adverse reactions. Each teat
must be cleaned and disinfected
prior to infusion of Orbeseal. See
below for instructions for adminis-
tration of infusion products.

STORAGE: Orbeseal should be
stored at room temperature
60°-80°F (-15°-30°C). In very cold
temperatures Orbeseal may
become difficult to administer and
should be warmed to room temper-
atures. Individual tubes should not
be immersed in water. The Orbeseal
bucket can be lowered into a
5 gallon bucket filled with warm
water to warm the tubes.
INDICATIONS: Orbeseal is intended as an aid in the prevention of new intramammary infections of dairy cattle throughout the dry period.

DOSEAGE AND ADMINISTRATION: After last milking at dry-off, clean and disinfect the teats using an appropriate antiseptic teat wipe (containing at least 70% isopropyl alcohol). Infuse the entire contents of one syringe of Orbeseal into each quarter by inserting the nozzle into the teat and applying gentle continuous pressure to the plunger until the paste is expressed. Do not massage teat or udder following infusion. If an antibiotic is infused into the teat, the teat should be re-swabbed with an appropriate antiseptic teat wipe (containing at least 70% isopropyl alcohol) prior to infusion with Orbeseal. A clean, disinfected and dry teat is essential, as Orbeseal possesses no antimicrobial activity. It is advisable to use an appropriate teat disinfectant following the infusion.

REMOVAL: Do not remove Orbeseal by action of the milking machine. To reduce the potential for Orbeseal accumulation in milking machines, aggressively hand-strip Orbeseal out of every quarter, 10 to 12 strips per quarter, before milking fresh cows. Bucket milk fresh cows. Bucket milk fresh cows for a minimum of three milkings, if possible.

Simple steps to avoid introducing infections during administration of intramammary infusions.

1. Do not place individual syringes in warm/hot water during cold weather.
2. Dry cows off abruptly rather than gradually.
3. Clean teat ends as thoroughly as possible with an appropriate antiseptic teat wipe (containing at least 70% isopropyl alcohol) and leave to air dry. DO NOT use water with or without disinfectant.
4. Clean the two teats furthest away first, followed by the two closest.
5. Ensure the teats are clean and dry before infusing Orbeseal.
6. Infuse the teats in the opposite order to cleansing; i.e. infuse the closest two teats first, followed by the two furthest away.
7. After infusing, dip teats in teat dip or spray with disinfectant and leave cows standing in yard for at least half an hour to allow the teat canal to close.
8. Check cows regularly for signs of mastitis during the first week after drying off.

Use Only as Directed
Not for Human Use

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