Brucellosis is a socio-economic disease and considered to be one of the most important diseases of animals caused by Brucella microorganisms. Control measures are based on strict hygiene and vaccination of susceptible animals like cattle and buffaloes.

COMPOSITION:
Each dose contains 40-120 X 10^9 viable organisms of freeze dried live attenuated Brucella abortus S19 vaccine prepared from a reference strain Buck S19.

CHARACTERISTICS:
The S19 attenuated Brucella abortus vaccine has the following characteristics:
- Stable.
- No local or systemic reaction.
- Does not spread from animal to animal.
- Provides a satisfactory protection for several years against Brucella abortus and Brucella ovis infection.
- Vaccination is followed by an immune responses and demonstration of specific antibodies.

INDICATIONS:
Prevention of Brucellosis in cattle.

METHOD OF USE AND DOSAGE:
- Dissolve the freeze dried pellet vaccine with a cold and sterile diluent (6ml for 2 doses and 15ml for 5 doses).
- Vaccinate subcutaneously calves with a single dose at the age of 3-8 months.
- Use the vaccine immediately after reconstitution (within two hours).
- Dosage is three ml per animal.

WITHDRAWAL PERIOD:
90 days.

CONTRAINDICATIONS:
- Do not vaccinate pregnant animals or lactating females, and breeding females within two months prior to mating.
- Do not vaccinate sick and/or under stress animals.

SPECIAL PRECAUTIONS:
- Do not use syringe and needle cleaned or sterilized by antiseptics.
- Use only clean, antiseptic or disinfectant-free materials for the preparation of the vaccine solution.
- Brucella melitensis S19 vaccine is pathogenic for humans; care should be taken to avoid accidental injection.
- Medical advice should be sought in the event of accidental exposure.
- Unused opened vaccine and waste material should be decontaminated with suitable disinfectants (phenolics, idophores or formal aldehydes) at a recommended concentration.

STORAGE PRECAUTIONS:
Store between +2 °C to + 8 °C and remain stable up to the date of expiry date given on the label. Protect from light and do not Freeze.

PRESENTATION:
Vials with 1, and 2 doses.

FOR VETERINARY USE ONLY.