**OVIPAN S**

Inactivated and adjuvanted vaccine against enterotoxemia in ruminants

Suspension for injection

**COMPOSITION:**
Each 2 ml dose of vaccine contains:
- *Clostridium perfringens* type A - bacterin and α toxoid, at least 2 IU of antitoxin
- *C. perfringens* type B and C - bacterin and β toxoid, at least 10 IU of antitoxin
- *C. perfringens* type B and D - bacterin and ε toxoid, at least 5 IU of antitoxin
- *Cl. septicum* toxoid, at least 2,5 IU of antitoxin
- *Clostridium novyi* type B toxoid, at least 3,5 IU of antitoxin
- *Clostridium sordelli* toxoid, at least 5 IU of antitoxin
- Aluminum (as hydroxide).

**INDICATIONS:**
Vaccination for active immunisation against:
- Enterotoxemias: *C. perfringens* type A.
- Lamb dysentery: *C. perfringens* type B.
- Struck: *C. perfringens* type C.
- Pulpy kidney disease: *C. perfringens* type D.
- Hemorragic enteritis: *C. perfringens* type C.
- Enterites toxii infections: *C. sordelli*.
- Gas gangrene: *Cl. septicum*.
- Black Disease: *C. novyi*.

**SIDE EFFECTS:**
- The presence of aluminum hydroxide can sometimes cause the appearance of a small transient nodule, at the injection site, which regress within few weeks.
- Vaccination may reveal hypersensitivity reactions, a symptomatic treatment should be given.

**DOSAGE AND ADMINISTRATION ROUTE:**
Route of administration: subcutaneous. Shake well before use.
Dosage:
- Cattle: under 4 months: 2 ml - more than 4 months: 4 ml.
- Sheep and goat: 2 ml.

**Vaccination schedule:**
- Primary-vaccination: 2 injections at 2 to 4 weeks interval.
- Booster: 1 annual injection.

**PRECAUTIONS FOR USE:**
- Vaccinate only healthy animals.
- Apply usual aseptic procedures.
- Disinfect the inoculation site and avoid inadvertent trauma.
- Use only clean, antiseptic and/or disinfectant-free equipment for vaccination.
- Avoid injecting the vaccine at too low temperature.

**CONTRA-INDICATIONS:**
None.

**STORAGE:**
Store between 2°C and 8°C, protected from light. Do not freeze.
After opening: Use immediately.

**PACK SIZES:**
Bottles of 50 ml, 100 ml, 250 ml and 500 ml.

Specific cases:
- Pregnant females (Except in goats): In order to obtain optimum transfer of colostral antibodies to newborns, the second injection of the primary vaccination or the booster injection should be performed 2 to 8 weeks before the expected date of parturition.
- Young animals:
  - Born of unvaccinated mothers: vaccination as of the 2nd week of age.
  - Born of vaccinated mothers: vaccination as of the 8th week of age.