

DHS 25%

Composition:

Each ml solution contains

250 mg dihydrostreptomycin (as the sulphate).

Properties

Dihydrostreptomycin is a member of the aminoglycoside group of antibiotics. It has an antibacterial action against Enterobacteriaceae (e.g. *E. coli*, *Klebsiella* spp and *Proteus* spp), *Mycobacteria*, *Salmonellae*, *Staphylococci*, *Leptospira* and *Vibrio* spp. The drug is rapidly absorbed following intramuscular administration, resulting in serum concentrations which remain effective for 12 hours.

Indications:

Infections caused by organisms sensitive to the action of dihydrostreptomycin in cases of, for example, respiratory tract disease, leptospirosis, septicaemia and endometritis.

Dosage and administration:

DHS 25% is intended for intramuscular or subcutaneous administration to cattle, sheep and pigs.

In general the dosage is 10 mg/kg body weight twice daily for 1 - 3 days.

Leptospirosis: a single intramuscular injection of 25 mg/kg body weight.

Withdrawal periods:

Meat : 5 - 10 days (residues may persist in the kidneys for longer periods)

Milk : 48 hours

Contra-Indications:

Known hypersensitivity to aminoglycosides, definite or suspected neurological abnormalities such as hearing impairment, abnormalities of balance, kidney dysfunction.

Side-effects:

Nephrotoxicity, ototoxicity, neurotoxicity

Warnings:

Not known.

Conservation:

Cool (8-15°C), protected from light.

Presentation:

12 vials of 100 ml.