



International
Animal Health Products
THE AUSTRALASIAN COMPANY

ZIRCO™

A MINERAL SUPPLEMENT USED AS AN AID IN THE TREATMENT AND PREVENTION OF IRON, ZINC AND COPPER DEFICIENCY IN SUCKLING PIGS.

PRESENTATION: A stable granular powder, containing pig food flavours and sweeteners, for sprinkling on the floor of the farrowing pen. **KEYMIX® ZIRCO™** is designed to be attractive and easy for piglets to consume freely using their natural instinct to lick.

ACTIVE INGREDIENTS: Each kg contains:

IRON	100 g
ZINC	80 g
COPPER	10 g

PROPERTIES: It is well known that sow's milk is deficient in iron. Supplementing the sow with extra iron and other trace-minerals after farrowing does not increase their content in the milk. Most newborn animals have sufficient iron to cover the suckling period however suckling piglets do not have such a reserve of iron, making them very susceptible to anaemia. Deficiency of iron, copper and zinc will always lead to anaemia in piglets. These actives are stored in their livers prior to birth. Iron is an integral element contained in haemoglobin and the production of various enzymes, thus, making it essential for efficient cellular oxygen transport. However, haemoglobin production and metabolism of iron requires other minerals, such as copper, to ensure its uptake into the body and incorporation into haemoglobin. Zinc is required for the transport of carbon dioxide in red blood cells and it has also been proven that providing a sufficient quantity of zinc can rapidly reverse deficiency symptoms that cause skin lesions (parakeratosis). At the recommended dose rate, **ZIRCO™** can be used as a major supplement to provide the amount of iron, zinc and copper required by growing piglets. The normal piglet response is improved suckling, increased vitality and activity, and more strength and growth.

DOSAGE AND ADMINISTRATION: Spread 100-200 g, depending on litter size, on the floor of the farrowing pen where the sow lies to suckle the piglets. Use also around 3 weeks of age, the period of maximum growth, when creep feed is being eaten.

CAUTION: **ZIRCO™** will provide sufficient iron for piglets to meet their requirements. However, some piglets may occasionally fail to take iron this way, either by being bullied or finding the supplement not to their taste, thus, not taking advantage of the valuable and essential trace-mineral source. For this reason, **ZIRCO™** is not necessarily designed to replace the use of iron injections in all cases.

WITHHOLDING PERIOD: NIL.

TRADE ADVICE: EXPORT SLAUGHTER INTERVAL (ESI): ESI not required.

POISONS SCHEDULE: S6

REGULATORY STATUS: END product (Excluded Nutritional or Digestive product)

PACK SIZE: 15 kg.

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07/2023