



KeyShure® *Chelated Minerals* combines superior performance with exceptional value. You get the quality you expect from a world-class manufacturer and the no-frills pricing you need to maximize profitability.

Feeding Recommendations:

		g/US Ton Complete Feed
Swine*	Creep & Nursery	3,636
	Grower & Finisher	3,636
	Sow/Boar	5,455
Poultry*	Broilers	5,455
	Laying Hens	5,682
	Turkeys	4,545
Companion**	Canine	
	Adult Maintenance	1,261
	Growth & Reproduction	1,261
	Feline	
	Adult Maintenance	1,364
	Growth & Reproduction	1,364

Cattle
Lactating dairy cows: minimum 0.30% magnesium in the total diet

Dry/Prefresh dairy cows: minimum 0.25% magnesium in the total diet.

*Feeding recommendations were designed to meet 100% of the mineral requirements (NRC) using organic trace mineral sources.

**Feeding recommendations were designed to meet 25% of the mineral requirements (NRC) using organic trace mineral sources; Dry kibble: 3,700 kcal ME/kg DM for canines and 4,000 kcal ME/kg DM for felines.

Guaranteed Minimum Analysis:

Magnesium	10%
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Typical Analysis:

Crude Protein	25%
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Physical Characteristics:

Color	Light yellow to tan speckled powder
Texture	Fine granular
Particle Characteristics	Free flowing, slightly hygroscopic
Package Type	Multiwall, poly-lined bag, Woven polypropylene fabric tote
Package Weight	25 kg (55.1 lb)
Shelf Life	5 years after the date of manufacture

Safe Handling & Storage:

KeyShure Magnesium is safe for use when directions on the label and Safety Data Sheet are followed. Store the product in a clean and dry environment, in the original package. Rotate inventory to maximize product freshness.

Product not available in all countries.

KeyShure®

Chelated Minerals



Research:

Independent research studies confirm that KeyShure *Chelated Minerals*:

- Are more bioavailable than inorganic trace minerals.
- Are more bioavailable than any other organic trace minerals.
- Provide superior performance for monogastric, ruminant and companion animals.

Benefits:

High bioavailability – Chelation maximizes bioavailability, establishing a protective chemical bond between mineral and an appropriate organic compound. It is here, at the molecular level, that Balchem's technology makes the difference.

Excellent quality – Balchem uses scientific and manufacturing expertise to maximize the bioavailability of chelated mineral in our products. We keep it simple by focusing on the endpoint- binding minerals to high-quality, plant-protein-derived amino acids.

Exceptional value – As a major ingredient supplier, Balchem leverages its purchasing power and efficient manufacturing processes to provide no-frills, value-based pricing for an extremely high-quality product. The result is the lowest cost per unit of organically bound (chelated) mineral in the industry.

Why is Magnesium Important?

Research has shown that magnesium supplementation of magnesium deficient diets has numerous benefits in animals. It improves the digestibility of feed. In cows and sows, it has improved reproductive performance and shortened the service period. Magnesium is a key mineral for cows and plays a crucial role in mobilizing calcium from bones and increasing gut absorption of calcium. In pre-calving cattle in particular, access to this calcium is pivotal in ensuring a smooth birthing process. In broilers, magnesium supplementation of deficient diets increases weight gain, and it has increased egg production of laying hens.

Balchem Animal Nutrition & Health is the global leader in choline production, chelation and encapsulation technology. With a growing portfolio of nutrition products and a dedication to innovation and industry sustainability, Balchem is leading the charge to meet the nutritional needs of ruminants, monogastrics and companion animals. The company consists of three business segments: Human Nutrition & Health; Animal Nutrition & Health; and Specialty Products. Balchem employs over 1,400 people worldwide who are engaged in diverse activities, committed to developing the company into global market leadership positions.



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