



DYNAMATE®

Potassium and Magnesium Sulfate for Animal and Poultry Feed

DYNAMATE is a feed grade mineral consisting of the sulfate form of potassium and magnesium. It is a source of highly available sulfur (S), potassium (K) and magnesium (Mg) that will help meet animal and poultry requirements for these essential nutrients.

Typical Chemical Analysis* %

Sulfur	22.5
Potassium	18.0
Magnesium	11.5

*Trace mineral profile is available upon request.

Typical Physical Characteristics

Bulk Density Loose	89 lbs/ft (1426 kg/m)
Angle of Repose (degrees)	34

Typical Sieve Analysis: (U.S.) %

Passing 16 Mesh	60
Passing 40 Mesh	30
Passing 70 Mesh	15

Typical Sieve Analysis: (Tyler) %

Passing 14 Mesh	60
Passing 35 Mesh	30
Passing 65 Mesh	15

Benefits

- DYNAMATE is a rich source of sulfur, potassium and magnesium, dietary essentials for animals and poultry.
- DYNAMATE is slowly soluble, thereby supplying sulfur, potassium and magnesium at a controlled rate for optimum use by rumen microbes.
- DYNAMATE's sulfur is utilized by rumen bacteria to produce essential amino acids. High energy rations containing non-protein nitrogen sources are inadequate in sulfur from natural sources..
- DYNAMATE's potassium is essential for maximum activity of the rumen microbial population and for optimum metabolism of every cell in the body.
- DYNAMATE's sulfate may spare excess methionine in poultry, reducing costs without impairing feed performance
- DYNAMATE's magnesium is essential to meet an animal's requirement for growth, production and reproduction. Modern high-energy rations do not contain the levels of magnesium that are present in feeds containing considerable amount of forages.
- DYNAMATE's potassium will promote optimum feed intake and performance when added to rations which are borderline or deficient in this essential element.

Feed Label Information

When adding DYNAMATE to feeds, "potassium sulfate" and "magnesium sulfate" should appear on the feed label. Both ingredients listed as "Generally Recognized as Safe" (GRAS) by the Food and Drug Administration.

Product Analyses are typical as tested on a composite sample. Grab samples or individual shipment analyses may vary from typical values. Handling and transportation may affect analysis of the delivered product.

