



# Dynamate<sup>®</sup>

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.

## Benefits:

-Dynamate is a rich source of sulfur, potassium and magnesium, dietary essentials for animals and poultry

-Dynamate is slowly soluble, thereby supply 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 ration, 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 feed, "potassium sulfate" and "magnesium sulfate" should appear on the feed label.

## SPECIFICATIONS

<u>Guaranteed Analysis</u>	%
Potassium (K), min	18
Magnesium (Mg), min	11
Sulfur (S), min	22
<u>Typical Chemical Analysis</u>	%
Potassium (K)	18.3
Magnesium (Mg)	11.1
Sulfur (S)	22.3
<u>Physical Characteristics</u>	
Bulk Density (Loose)	89lb/ft <sup>3</sup>
Angle of Repose	34°
<u>Typical Sieve Analysis (Tyler)</u>	%
Passing 35 mesh	50
Passing 65 mesh	18
Passing 100 mesh	10