Product Information

ZINPRO 180 ZINC METHIONINE

A nutritional feed additive for livestock and poultry. When used as a commercial feed ingredient it must be declared as zinc methionine. Association of American Feed Control Officials (AAFCO) No. 57.151. International Feed Number (IFN) 6-16-293. Zinc Methionine Complex. U.S. Patent No. 4,021,569, 4,764,633 and 5,430,164. Canada Reg. No. 990328.

TYPICAL ANALYSIS:

Zinc	18.0%
Methionine	36.0%
Protein	19.5%
Fat	0.0%
Fiber	0.0%
Ash	35.8%
Salt	1.7%

MOLECULAR STRUCTURE:

$$\begin{bmatrix} H_2 \\ H \\ CH_3 \\ S \end{bmatrix}^{CH_2} CH_2 \begin{bmatrix} H_2 \\ N \\ C \\ C \end{bmatrix}^{+} \cdot HSO_4$$

PHYSICAL DESCRIPTION:

Water soluble tan powder with characteristic methionine-like odor. ZINPRO 180 weighs approximately 28 lbs./cu.ft. and is packaged in 50 lb. multiwall bags with 2 mil inserted polyethylene liners.

SOLUBILITY:

One part ZINPRO 180 will dissolve in two parts hot water. One percent solution has pH of 4.5-5.0.

FEEDING INSTRUCTIONS:

*SWINE: Add 0.44 lb. (200 grams) per ton of complete ration.

<u>LAYING HENS, BROILERS AND TURKEYS</u>: Add 0.44 lb. (200 grams) per ton of complete ration.

<u>DAIRY CATTLE</u>: Feed 2.0 grams per head daily, or 1 lb. per 225 head daily.

BEEF CATTLE: Feed 2.0 grams per head daily, or 1 lb. per 225 head daily.

HORSES: Feed 2.0 grams per head daily.

*SHEEP: Add 1.0 gram to the daily ration of 5 head, or 1 ounce to the daily ration of 140 head.

TOXICITY AND SAFE HANDLING:

When correctly used, there is no toxicity hazard in the use of ZINPRO 180.

^{*}Double recommended levels during periods of reduced feed intake.