



## PRODUCT INFORMATION SHEET

**ZINPRO® 180**

A nutritional feed ingredient for animal feed. When used as a commercial feed ingredient, it must be declared as zinc methionine complex Association of American Feed Control Officials (AAFCO) No. 57.151. Canada Reg. No. 990583.

**TYPICAL ANALYSIS**

<b>MINERALS</b>	Zinc	18.0%
<b>PROXIMATES</b>	Moisture	1.0 - 3.0%
	Ash	66.0%
	Crude Protein	20.6%
<b>AMINO ACIDS</b>	Methionine	41.0%

**PHYSICAL CHARACTERISTICS**

<b>Color</b>	Tan
<b>Texture</b>	Granular
<b>Particle Characteristics</b>	Free flowing, slightly hygroscopic
<b>Density</b>	37 - 41 lb/ft <sup>3</sup> / 590 - 660 kg/m <sup>3</sup>
<b>Solubility</b>	The product is water soluble
<b>Package Type</b>	Multiwall bag
<b>Package Weight</b>	55.1 lb / 25 kg

**SAFE HANDLING & STORAGE**

When correctly used, there is no toxicity hazard in the use of ZINPRO® 180. Refer to the SDS for more detail. Store in a clean and dry environment. Follow label directions and rotate inventory to ensure fresh product.

**Shelf Life: 5 years after the date of manufacture.**

**FEEDING INSTRUCTIONS**

		g/hd/d	g/US Ton	g/MT	PPM (mineral)*
<b>DAIRY CATTLE</b>	Calves				65
	Growing Heifers				40
	Non-Lactating Cows				40
	Lactating Cows				40
<b>BEEF CATTLE</b>	Creep Feed		325	360	
	Weaned Calves				30
	Cows and Bulls	2			
	Feedlot Receiving				60
	Feedlot Finishing				60
<b>SHEEP</b>	All†	0.22			
<b>GOATS</b>	All†	0.28			
<b>HORSES</b>	All	2.2	505	555	
<b>SWINE</b>	All†		250	275	
<b>POULTRY</b>	All		200	225	
<b>AQUACULTURE</b>	Salmonids and Marine Fish		403	444	
	Tilapia and Freshwater Fish		302	333	
	Shrimp		302	333	
<b>COMPANION</b>	Canine		500	550	
	Feline		375	425	
<b>SPECIALTY</b>	Deer†	1			
	Elk†	2			
	Llamas†	0.56			

\* PPM of mineral provided in the complete diet.

† Double recommended levels during periods of reduced feed intake, or high production stress.

DAIRY CALVES: Recommendation is for use in complete milk replacer. BEEF: Creep feed recommendation based on daily intake of 1% BW. HORSES: All recommendations based on a mature horse of 500 kg BW consuming 4 kg of complete feed.