



## PRODUCT INFORMATION SHEET

# ProPath® Mn

A nutritional feed ingredient for animal feed. When used as a commercial feed ingredient, it must be declared as manganese amino acid complex. Association of American Feed Control Officials (AAFCO) No. 57.150. Canada Reg. No. 991296.



## TYPICAL ANALYSIS

<b>MINERALS</b>	Manganese	15.0%
<b>PROXIMATES</b>	Moisture	1.5 - 2.5%
	Ash	33.0%
	Crude Protein	36.0%
<b>AMINO ACIDS</b>	Glutamic Acid	22.7%
	Lysine	20.2%

## PHYSICAL CHARACTERISTICS

<b>Color</b>	Tan-brown
<b>Texture</b>	Granular
<b>Particle Characteristics</b>	Free flowing, slightly hygroscopic
<b>Density</b>	41 - 46 lb/ft <sup>3</sup> / 660 - 740 kg/m <sup>3</sup>
<b>Solubility</b>	Active product is water soluble
<b>Particle Size</b>	150 µm < 85% < 355 µm
<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 ProPath® Mn. 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: 2 years after the date of manufacture.**

## FEEDING INSTRUCTIONS

		g/hd/d	g/US Ton	g/MT	PPM (mineral)*
<b>DAIRY CATTLE</b>	All				20
<b>BEEF CATTLE</b>	Creep Feed		225	240	
	Weaned Calves				20
	Cows and Bulls	1.34			
	Feedlot Receiving				20
	Feedlot Finishing				20
<b>SHEEP</b>	All	0.14			
<b>GOATS</b>	All	0.2			
<b>HORSES</b>	All	2.7	610	670	
<b>SWINE</b>	Nursery		125	150	
	Grow/Finish		125	150	
	Sows and Boars		125	150	
<b>POULTRY</b>	All		250	275	
<b>AQUACULTURE</b>	Salmonids and Marine Fish		181	200	
	Tilapia and Freshwater Fish		181	200	
	Shrimp		242	267	
<b>COMPANION</b>	Canine		150	175	
	Feline		90	100	
<b>SPECIALTY</b>	Deer	1.34			
	Elk	1.34			
	Llamas	0.4			

\* PPM of mineral provided in the complete diet.

**BEEF CATTLE:** Creep feed recommendation based on daily intake of 1% body weight.

**HORSES:** All recommendations based on a mature horse of 500 kg body weight consuming 4 kg of complete feed.