## PRODUCT InFORMATION SHEET

## ProPath ${ }^{\circledR} 4$

A nutritional feed ingredient for animal feed. When used as a commercial feed ingredient, it must be declared as zinc amino acid complex, manganese amino acid complex, copper amino acid complex and cobalt glucoheptonate.

TYPICAL ANALYSIS

| MINERALS | Zinc | 8.6\% |
| :---: | :---: | :---: |
|  | Manganese | 4.8\% |
|  | Copper | 3.0\% |
|  | Cobalt | $\begin{array}{r} 2,900 \mathrm{ppm} \\ (0.29 \%) \end{array}$ |
| PROXIMATES | Moisture | 1.5-2.5\% |
|  | Ash | 30.8\% |
|  | Crude Protein | 36.8\% |
| AMINO ACIDS | Glutamic Acid | 20.0\% |
|  | Lysine | 19.8\% |

PHYSICAL CHARACTERISTICS

| Color | Blue Gray |
| :--- | :--- |
| Texture | Granular |
| Particle |  |
| Characteristics | Free flowing, slightly hygroscopic |
| Density | $40-45 \mathrm{lb} / \mathrm{ft}^{3} / 640-720 \mathrm{~kg} / \mathrm{m}^{3}$ |
| Solubility | Active product is water soluble |
| Particle Size | $150 \mu \mathrm{~m}<85 \%<355 \mu \mathrm{~m}$ |
| Package Type | Multiwall bag |
| Package Weight | $55.1 \mathrm{lb} / 25 \mathrm{~kg}$ |

## SAFE HANDLING \& STORAGE

When correctly used, there is no toxicity hazard in the use of ProPath ${ }^{\circledR}$ 4. 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 |
| :---: | :---: | :---: | :---: | :---: |
| DAIRY CATTLE | Calves |  | 400 | 450 |
|  | Growing Heifers | 4.2 |  |  |
|  | Non-Lactating Cows | 4.2 |  |  |
|  | Lactating Cows | 4.2 |  |  |
| BEEF CATTLE | Creep Feed |  | 675 | 750 |
|  | Weaned Calves |  | 300 | 330 |
|  | Cows and Bulls | 4.2 |  |  |
|  | Feedlot <br> Receiving | 4.2 |  |  |
|  | Feedlot <br> Finishing | 4.2 |  |  |
| GOATS | All | 0.6 |  |  |
| HORSES | All | 4.2 | 950 | 1,050 |
| SWINE | All | Consult your Zinpro Representative |  |  |
| POULTRY | All | Consult your Zinpro Representative |  |  |
| COMPANION | Canine | Consult your Zinpro Representative |  |  |
|  | Feline | Consult your Zinpro Representative |  |  |
| SPECIALTY | Deer | 2.1 |  |  |
|  | Elk | 4.2 |  |  |
|  | Llamas | 1.2 |  |  |

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

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

WARNING: Contains high levels of copper. DO NOT FEED TO SHEEP OR RELATED SPECIES.

