

**McCAULEY'S**<sup>®</sup>  
 an **Alltech** company  
**HYDROLYTE**<sup>®</sup>  
 Electrolytes for Horses

**FEATURES:**

- Restores the correct balance of electrolytes lost in equine sweat. (Details of electrolyte concentrations in McCauley's Hydrolyte and equine sweat are on the next page.)
- Highly palatable.
- Low glycemic response.
- Dissolves easily in water.

**FUNCTIONS AND BENEFITS OF McCAULEY'S<sup>®</sup> HYDROLYTE<sup>®</sup>:**

- Helps horses **recover** following intense exercise.
- Helps **replenish electrolytes** lost due to exercise, stress and/or environmental conditions.
- Unique formulation **encourages drinking and facilitates rehydration**. Equine sweat is hypertonic, meaning the level of electrolytes in sweat is greater than that in blood. As a result, even though horses are dehydrated, they may lack the desire to drink.
- Added to drinking water, McCauley's Hydrolyte provides a more **consistent taste and smell to different water sources**. This is useful when horses are temporarily relocated (e.g., shows, events, etc.).
- Recommended for:
  - **performance horses** (e.g., endurance horses, 3-day eventers, racehorses, horse in training, etc.).
  - horses in **hot, humid conditions**.
  - during **times of stress**, when horses may sweat excessively (e.g., illness, travelling).
  - horses being subjected to **changing water sources**.

**FEEDING RECOMMENDATIONS:**

- Add 1 to 4 ounces of McCauley's Hydrolyte per bucket of water (a typical water bucket for horses is 5-gallons), or top-dress 1 ounce per pound or more of feed daily for an average size riding horse (1000 to 1200 pounds).

| Classification  | Amount of McCauley's Hydrolyte per day* |
|---|---|
| <b>Maintenance/Light Work</b>                         | <b>1-2 ounces</b>                       |
| <b>Moderate Exercise</b><br>(e.g., reining, dressage) | <b>2 to 4 ounces</b>                    |
| <b>Intense Exercise</b>                               |   |
| Moderate sweating (e.g., racehorses)                  | <b>2 to 4 ounces</b>                    |
| Heavy sweating (e.g., endurance)                      | <b>6 to 12 ounces</b>                   |

\*May be added to water or mixed with feed.

Continued →

- In preparation for intense competition, increase the level of McCauley's Hydrolyte gradually the week prior to the event, such that the horse will receive at least 4 ounces per day a few days prior to the event, during the event and a few days after the event.
- Daily recommendations may be increased or decreased depending on sweat loss, which is affected by intensity of exercise, environmental conditions (e.g., heat, humidity), body size and/or stress.
- To promote drinking, McCauley's Hydrolyte should be added to a minimum amount of feed. Make sure fresh water is available for the horse to drink when feeding McCauley's Hydrolyte.
- McCauley's Hydrolyte is hygroscopic, meaning it has a high affinity for water. McCauley's Hydrolyte will absorb moisture from the air and clump if exposed to air too long. If this occurs, the product is still usable and can be crumbled to mix with feed or dissolved in water with stirring. To minimize clumping, reseal the pail after each use.

### **Electrolytes in equine sweat and McCauley's Hydrolyte**

| <b>Electrolytes</b>                     | <b>Sodium (mg)</b> | <b>Potassium (mg)</b> | <b>Chloride (mg)</b> | <b>Calcium (mg)</b> | <b>Magnesium (mg)</b> |
|---|--------------------|-----------------------|----------------------|---------------------|-----------------------|
| <b>Range in 1 liter of equine sweat</b> | 2640-3800          | 1100-2300             | 4900-7100            | 123-124             | 52-56                 |
| <b>Amount in ½ ounce of HYDROLYTE</b>   | 3480               | 2230                  | 7390                 | 130                 | 53                    |

#### **GUARANTEED ANALYSIS**

Calcium, minimum ..... 0.50%  
 Calcium, maximum ..... 1.0%  
 Chloride, minimum ..... 50.0%  
 Magnesium, minimum ..... 0.35%  
 Potassium, minimum ..... 15.0%  
 Sodium, minimum ..... 21.0%  
 Sodium, minimum ..... 25.0%  
 Salt, minimum ..... 60.0%  
 Salt, maximum ..... 65.0%

#### **INGREDIENTS**

Salt (sodium chloride), potassium chloride, magnesium sulfate, calcium carbonate, calcium lactate, silicon dioxide, natural and artificial flavorings.

Available in 5 lb. (2.3 kg) and 25 lb. (11.4 kg) pails.

\*Product availability varies by location.

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