



Arm & Hammer Animal Nutrition  
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# SQ-810™

NATURAL SODIUM SESQUICARBONATE

**SQ-810™ Natural Sodium Sesquicarbonate** is a mineral that is fed to dairy and beef cattle as a rumen buffer. It is also fed to poultry as a source of sodium without chlorides.

## Empirical Formula



## Product Specifications

Sodium sesquicarbonate is listed as a mineral feed ingredient by the Association of American Feed Control Officials (57.138 AAFCO, IFN 6-17-895). Sodium sesquicarbonate is the mixed sodium salt of carbonic acid. It generally provides not less than 90 percent of the hydrated double salt with a minimum 42 percent sodium carbonate, 33 percent minimum sodium bicarbonate and a maximum 10 percent insolubles. Sodium sesquicarbonate contains not less than 28.3 percent sodium.

Nutrients	Dry Basis
Sodium (Min.)	30.4%
Na <sub>2</sub> CO <sub>3</sub> (Sodium Carbonate)	43.7%
NaHCO <sub>3</sub> (Sodium Bicarbonate)	34.4%
H <sub>2</sub> O of Hydration (Molecular Water)	14.8%
H <sub>2</sub> O Insolubles (Primarily Calcium and Magnesium Carbonate)	7.0%
NaCl	0.1%
Total Digestible Nutrients	83.40%
Minerals	
Ca (Calcium)	0.6%
Mg (Magnesium)	0.3%
Fe (Iron)	0.1%

## Bulk Density

62 to 66 lbs./cu.ft.

## Packaging

**SQ-810** rumen buffer is available in 50-pound bags and bulk for truck and rail.

## Storage

Store in a dry place.

# INFORMATION

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## Feeding Recommendations

**Dairy:** For best results, **SQ-810™** natural sodium sesquicarbonate should be added to a balanced lactating cow diet at the following **minimums**:

Based on milk production, feed 0.8 ounces per 10 pounds of milk produced (i.e., 8 ounces per cow per day for a cow producing 100 pounds of milk). These levels can be achieved by adding 30 pounds per ton in the non-forage (grain) portion of the diet or by adding 15 pounds per ton of total mixed ration (TMR).

Under most feeding conditions, additional **SQ-810** natural sodium sesquicarbonate may be beneficial to increase dietary cation/anion difference (DCAD).

**Poultry:** Feed to poultry as a source of sodium (carbonate and bicarbonate) without chloride. Include in the diet at levels of 6 to 8 pounds per ton, depending on nutritional needs.

**Beef:** In starting cattle, use **SQ-810** natural sodium sesquicarbonate at a rate of 1.0% to a 1.5% of total dietary dry matter for the first 30 days. After the cattle are well acclimated to the ration, reduce the feeding rate to 0.50% to 0.75% of dietary dry matter.

**Sheep/Goats:** **SQ-810** natural sodium sesquicarbonate should be fed at a rate of 0.75% of the total mixed ration (15 pounds per ton).

Features	Benefits
Alkalizes/buffers	Neutralizes and buffers the rumen environment
Dry granular texture	Easy to store, handle, mix and feed
Sold in bags or bulk	Convenient
Dietary source of cations (Na) without Cl of S	Increases DCAD which increases blood buffering capacity.

## Additional Information

To place orders, call Customer Service at 800-631-5591. For technical information, call 800-526-3563.

Visit [www.AHAnimalnutrition.com](http://www.AHAnimalnutrition.com) for more information about **SQ-810™**