

Product Data Sheet

General

Betaine supports normal body function and performance during periods of high ambient temperature by acting as an osmoregulator and normalizing cellular metabolism. When present in intestinal cells, Betaine can assist in maintaining gut tissue integrity, thus supporting nutrient absorption.

Betaine is a methyl donor and supporting protein and DNA synthesis. Betaine can partially replace choline and is a more efficient methyl donor in comparison to choline chloride. Thus use of Betaine can contribute to improved carcass quality through the higher percentage of lean meat and reduction in fat deposition. Use of ^{TNI}Betain96 in premix improves vitamin stability compared to choline chloride.

Main Ingredients

- 3a921 Betaine anhydrous produced from genetically modified sugar beet: 960000mg/kg (435456 mg/lb) active substance on anhydrous basis.
- Calcium stearate

Specification

- | | |
|---------------------|--|
| • Betaine anhydrous | min. 96% |
| • Colour | Light yellow |
| • Appearance | Crystalline product |
| • Moisture | max. 1.5% (in original unopened packaging) |
| • Crude ash | max. 1.5% |

Recommended dosage for use

To combat the effects of heat stress:

Poultry, pigs	1-2 kg per mton of complete feed
Dairy cows	15-50 g per head per day, depending on milk production levels
Calves	1-2 kg per mton of complete feed
Sheep	4-6 g per head per day
Goat	2-4 g per head per day
Freshwater & marine fish	3-10 kg per mton of complete feed
Crustaceans	3-15 kg per mton of complete feed

For specific Choline and Methionine replacement rates, please contact your local product specialist.

Authorisation

Trouw Nutrition International B.V., represented as TNI Feed Additives certifies herewith that the product is a feed ingredient authorized in the USA for use in animal feed.

Trouw Nutrition International B.V. is an approved feed establishment, registration number: α NL 7881.

Safety

Applicable safety information can be found in the Safety Data Sheet.

Storage

Storage: Above -10°C.

Shelf life: 2 years after production date based on advised storage conditions.

Packaging

Dry products are generally available in:

- 25 kg multiple layer paper bags with LDPE inlayer on a pallet
- 1000 kg big bags

Contact

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represented as TNI Feed Additives

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