



PRODUCT DATA SHEET

BACILLUS SUBTILIS FERMENTATION PRODUCT

PRODUCT: A naturally occurring, dried *Bacillus subtilis* fermentation product produced by a primary fermentation specifically designed for this end product (This *Bacillus* product is not a fermentation by-product). This product has been fermented and then dried on wheat bran substrate.

PURPOSE: For the supplementation of viable bacterial activity of specific type where it is desired.

STATUS: Animal Feed Ingredient listed by American Association of Feed Control Official, definition: 36.11 Dried *B. subtilis* Fermentation Product, IFN 5-06-150, *Bacillus subtilis* fermentation product dehydrated. Also see definition 36.14 Direct Fed Microorganisms. "Concentrated product for further manufacturing."

ANALYSIS: Viable bacteria in Colony Forming Units/gram (CFU/g): Available in strengths from 5 billion CFU/g to 10 billion CFU/g (higher potencies available upon request)

METHOD OF ANALYSIS: Modified FCC, AOAC methods

APPEARANCE: Medium brown, free flowing granular powder, typical fermentation odor.

STORAGE CONDITIONS: For optimal activity over longest storage time keep in dry warehouse under 90° F. Under these conditions, estimated loss is 20% or less per year.

PRECAUTIONS: See above (storage conditions), avoid dusty conditions when handling animal feed ingredients or supplements, refer to safety data prior to handling. Temperatures for *extended* times and exceeding 160° Fahrenheit in presence of moisture or steam should be avoided where possible.

PACKAGE SIZES: 50 lb neutral multi-wall shipping bags, drums available upon request.

PREPARED IN SUPPLEMENT OR MIXED FEED: Ask for specific recommendations as to product for use in complete feed for poultry and livestock.

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