



# PRODUCT DATA SHEET

## DRIED BACILLUS FERMENTATION PRODUCT

**PRODUCT:** A naturally occurring, dried *Bacillus subtilis/ Bacillus licheniformis* 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; Dried *B. licheniformis* Fermentation Product. Also see definition 36.14 Direct Fed Microorganisms. " Concentrated product for futher manufacturing."

**ANALYSIS:** Viable bacteria (Colony forming units/gram): 5 billion CFU/g

**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 100° F. Half life under these conditions estimated to be in excess of one 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.

### FOR MANUFACTURER'S USE ONLY

All data and suggestions made herein are based upon our research or published data and are believed to be accurate. However, no guarantee or warranty is made or implied as conditions and methods of use of products herein described are variable. This information and products, if any, are provided on the condition that the user will evaluate them for himself, as well as any formulae or recommendations, to determine their suitability for his own purposes before adoption. Also, statements as to the use of products herein described are not to be construed as recommendations for their use in infringements of any patents.

**SPCo, Inc. - 200 West Millbrook - Raleigh, NC 27609**