



ADD VALUE TO THE MIX

# MICRO-D<sup>®</sup> 1000

## (CHOLECALCIFEROL SOURCE) VITAMIN D<sub>3</sub>

### DESCRIPTION

Mineral-stable Vitamin D<sub>3</sub> in a protective matrix of an edible carbohydrate formed into flakes.

### POTENCY

1,000,000 IU per gram or 453,590,000 IU per pound of Vitamin D<sub>3</sub> activity from the UV photochemical reaction of 7-dehydrocholesterol.

### PHYSICAL CHARACTERISTICS

**Color:** Light tan. **Odor:** Bland. **Moisture:** Less than 4%.

**Solubility:** Water miscible.

**Texture:** A dry, free-flowing product in the form of finely divided, serrated-edged flakes. 100% passes 20-mesh screen and essentially all held on 200-mesh screen. There are approximately 472,000 particles per gram or 472,000 particles per 1,000,000 IU.

**Flowability:** Excellent.

**Carrier:** None. All particles are active.

**Stability:** Excellent stability under normal storage conditions in original container. Stable in premixes and formulations of all types. Stable in the presence of moisture or trace minerals.

**Compatibility:** Suitable for use in all commercial feeds. Its unique physical properties make it ideal for blending in all types of formulations without danger of "rollout" or segregation.

**Bulk Density:** Approximate pounds per cubic foot: Freefall - 19.5; Packed - 26.0.

**Packaging:** 25 kg box with polyethylene liner.

**Storage:** Store in cool, dry location in sealed plastic bags in cardboard boxes. Refrigerate during summer months or if stock is to be held four months or longer.

**Application:** For best dispersion, premixing of this product prior to addition to the finished formula is recommended.

**Clearance and Safety:** Vitamin D<sub>3</sub> is generally recognized as safe when used in accordance with good manufacturing practices (21 CFR Section 582.5953). Please refer to the Material Safety Data Sheet before handling the product.



P.O. Box 837 • Lake Dallas, Texas 75065  
Phone: 940-497-6604 • Fax: 940-497-6605