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Subject:	DATA SHEET	Version: 07	Date: January 2011
Product:	CapsuDar® D2-100 E Vegetarian Formula	Catalogue No: 08250	

- Description:** **CapsuDar® D2-100 E** is a microencapsulated vitamin D2. It is a fine, free flowing powder coated by cellulose derivative. Vitamin D2 (Ergocalciferol) is adsorbed on maltodextrin and then coated with ethyl cellulose. Tocopherols are added as antioxidants.
- Specifications:**
- | | |
|---------------------|--|
| Appearance: | fine, white free flowing powder. |
| Particle size: | 50-1000 μ (300-18 mesh) |
| Loss on drying: | max 8% |
| Vitamin D2 content: | 0.25% (100,000 IU/g) min. |
| Taste: | Tasteless |
| Bulk density: | ~0.55 g/ml |
| Solubility: | Not soluble in water, may be dispersed in water. |
- Microbiological Data:**
- | | |
|--------------------|-----------|
| Total plate count: | < 1000/gr |
| Yeast/Mold | < 100/gr |
- (According to USP Method)
- Stability and Storage:** Upon storage in a dry place at room temperature this material will keep its properties for two years when in its original packing.
- Packing:** As required by customer. Preferably 15kg in polyethylene bag as an internal bag and laminated polyethylene bag as an outside bag in rectangular carton.
- Applications:** Enrichment of food in dry premixes or with low water content, e.g., cereals, nutritional bars, powdered beverages, soups, baby formulas, vitamin tablets, mixing of dry incompatible ingredients, juices, nontransparent water based drinks, etc.
- Processing:** The material should be used as powder. It can be dispersed in water. The material should not be crushed or milled before or during processing as it might break the microcapsules.
- Regulation:** All ingredients are Kosher food quality materials and are approved by USA FDA for food. This product is suitable for vegetarian.
- Safety:** This product is safe for intended use. Avoid inhalation of dust or contact with eyes and mucous membranes by applying suitable protective measures and personal hygiene.