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Subject:	DATA SHEET	Version: 05	Date: September 2007
Product:	CapsuDar® D3 100 K	Catalogue No:	08120

Description: **CapsuDar® D3 100 K** is a microencapsulated vitamin D3 .It is a fine, free flowing powder coated by cellulose derivative. Vitamin D3 (cholecalciferol) is adsorbed on maltodextrin and then coated with hydroxy propyl cellulose. Tocopherols are added as anti oxidant.

Specifications:

Appearance:	fine, white free flowing powder.
Particle size:	50-1000 μ (300-18 mesh)
Loss on drying:	max 6%
Vitamin D3 content min:	0.25% (100,000 IU/g)
Taste:	Tasteless
Bulk density:	~0.55
Solubility:	Not soluble in water, may be dispersed in water.

Stability and Storage: Upon storage in a dry place at room temperature this material will keep its properties for two years when kept in its original packing.

Packing: As required by customer. Preferably 20 kg 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, vitamin tablets, etc.

Processing: The material should be used as powder. It can be dispersed in cold 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 and European authorities.

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.