LYCORED		LycoRed Bio Ltd. Yavne Technology Park P.O. Box 344, Yavne 81103, Israel Tel: 972 8 9420930, Fax: 972 8 9420928 info@lycored.com www.lycored.com	
Subject:	**DATA SHEET**	Version: 06	Date: August 2009
Product:	**CapsuDar® D3-100 E**	Catalogue No:	08130

Description: **CapsuDar® D3-100 E** 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 ethyl cellulose. Tocopherols are added as anti oxidants.

Specifications:

Appearance:	fine, white free flowing powder.
Particle size:	50-1000 µ (300-18 mesh)
Loss on drying:	max 6%
Vitamin D3 content:	0.25% (100,000 IU/g) min.
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 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 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.