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Subject:	**DATA SHEET**	Version: 02	Date: April 2008
Product:	**CapsuDar® C 50ECR Vegetarian Formula**	Catalogue Number:	07131

Description

CapsuDar® C 50ECR is a microencapsulated vitamin C. It is a fine, free flowing powder coated with cellulose derivative and Carnauba wax. The crystals of ascorbic acid are coated individually with a thin layer of cellulose derivative and then with a layer of Carnauba wax with a melting point of ~85°C.

Specifications:

Appearance:	fine, yellowish free flowing powder.
Particle size:	50-1000 µ (300–18 mesh)
Loss on drying:	max 2%
Ascorbic acid content:	48% minimum
Taste:	Very slight sour taste. Enhanced upon chewing.
Bulk density:	~ 0.65 g/ml

Stability and Storage:

Upon storage in a dry place at room temperature this material will keep its properties for at least two years. Color might change gradually to yellowish upon long storage.

Packing:

As required by customer. Preferably 20 or 25 kg rectangular carton.

Applications:

Enrichment of food with a high water content and which goes through high temperature during processing, e.g., baked goods, cereals, retorted products, meat substitute, soups, dairy products, etc.

Processing:

The material should be used as powder. It can be dispersed into the products at any step of the production. 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.

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.