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Subject:	DATA SHEET	Version: 04	Date: November 2005
Product:	<b>CapsuDar® CuSul 50 LP          Vegetarian Formula</b>		

Catalogue Number: 20240

Description: **CapsuDar® CuSul 50 LP** is a microencapsulated copper sulfate. It is a fine, free flowing powder. The crystals of copper sulfate-5-hydrate are coated with hydrogenated palm oil.

Specifications:

Appearance:	fine, light blue, free flowing powder.
Particle size:	50-1000 $\mu$ (300–18 mesh)
Loss on drying:	max 4%
Copper sulfate-5-hydrate content:	min. 48%
Taste:	Tasteless
Bulk density:	~0.6 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.

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

Applications: Enrichment of food with high water content and which goes through high temperatures during processing, e.g., baked goods, cereals, retorted products, meat substitutes, soups, dairy products, etc. Also, can be used in tablet compression and capsule filling.

Processing: The material should be used as powder. Material might need delumping by sieving it on 1000 $\mu$  to 2000 $\mu$  sieve. It can be dispersed into the product 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 and European authorities. The material is GMO free. It 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.