



# CYAMOPSIS BIOTECH



# ABOUT US

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## *INTRODUCTION*

We, Cyamopsis Biotech ( India) Pvt. Ltd., (Formerly known as Dada Ganpati Guar Products Pvt. Ltd.) offer a wide selection of Guar products for your specific requirements. Established in the year 2008, we are one of the leading Manufacturer, Exporter and Supplier of Guar products. We possess a perfect blend of latest technologies and highly qualified technicians to produce a range of quality Guar Protein products.

We are devoted to developing innovative solutions for a sustainable and efficient future for the agriculture industry. In order to fulfil this goal, Cyamopsis Biotech has a truly global approach with highly skilled professionals and experts in their field. We make our contribution by utilising cutting edge technology at state- of- the- art production facilities in India and efficient supply chain around the world. We have our presence in USA, Canada, Europe which makes us truly global.

# OUR PRODUCTS

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- Fast Hydrating Guar Gum (CB-OG-FH)
- Hydroxypropyl Guar (CB-DR-HPG)
- Hydroxyethyl Guar Gum (CB-DR-HEG)
- Carboxymethyl Guar Gum - Anionic ( CB-DR-CMG)
- Carboxymethyl Hydroxypropyl Guar Gum (CB-DR-CMHPG)
- Guar Hydroxypropyl Trimonium Chloride (CB-DR-HPC)
- Sodium Thiosulfate Stabilized Guar (CB-DR-STG)
- Friction Reducer- Hydrophobic Guar (CB-DR-FR)
- Paam Grafted Friction Reducer (CB-DR-PAAM)
- Dietary Food Fiber (CB-FG-PHGG)
- Free Flow Guar (CB-OG-FF)
- Food Grade Guar Gum
- Industrial Grade Guar Gum
- Textile Grade Guar Gum
- Paper Grade Guar Gum





## FOOD INDUSTRY

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Guar gum is one of the best thickening additives, emulsifying additives and stabilizing additives. In Food Industry Guar gum is used as gelling, viscosifying, thickening, clouding, and binding agent as well as used for stabilization, emulsification, preservation, water retention, enhancement of water soluble fiber content etc.

Water binding properties and ability

To inhibit ice crystals make guar gum best used gum in ice cream industry. The CB-FG Guar Gum is designed specifically for water binding and inhibiting ice crystals. Guar gum finds first place in list gum polysaccharides for the ice cream industry.

CB-FG guar gum is designed for better emulsification. It increases shelf life, smoothens the texture and enhances the mouth feel.

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## APPLICATION

Application	Effect	Grades
Frozen Food	Reduces ice crystal formation, binder, stabilizer, odour free guar gum	High viscosity guar 5000 cps -9000 cps
Sauces & Salads	Water binder, stabilizer, Co-emulsifier	Ultralow viscosity 50 cps – 2000 cps
Dairy Products	Texturizer, uniform viscosity, colour retention	Ultralow viscosity 50 cps – 2000 cps
Baked	Moisture preservation of dough	Medium Viscosity 3000 – 5000 tons
Confectionery	Gelling, glazing and moisture retention	Medium Viscosity 3000 – 5000 tons
Beverages	Bulking agent, viscosifier, low calorie claims	Medium Viscosity 3000 – 5000 tons
Pet Food	Moisture retention, thicken, stabilizer, binder	Medium Viscosity 3000 – 5000 tons
Dietary fiber	Partially hydrolysed guar, fullness feels, reduced calorie intake, aids in weight loss	Depolymerised Guar

## Technical Specification

### Chemical Analysis

MOISTURE	12% Maximum
PROTEIN	5% Maximum
ASH	1% Maximum
AIR	5% Maximum
FAT	1% Maximum
GUM CONTENT	78% Minimum
pH	5.5-6.5

### Microbiologica

TPC/GM	2000 Maximum
YEAST AND MOULDS/GM	200 Maximum
COLIFORM/GM	NIL/ABSENT
E.COLI/10 GM	NEGATIVE
SALMONELLA/20 GM	NEGATIVE

### Granulation

ON 40 MESH	Nil
THROUGH 100 MESH	99% Minimum
THROUGH 200 MESH	90% Minimum

## PACKAGING

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Type of Bags	Quantity
HDPE Bags	50.00 Kgs
Jumbo Bags	1 MT
Container Liner Bag	22 MT

We can customize packaging as per your requirement.

Shelf Life : Our products have extended shelf life of 24 Months.

## CONTACT US

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### Other addresses

Plant Location

Cyamopsis Biotech, NH 10, Moriwala,

Sirsa, Haryana, India 125055

Warehouse Location

359, PIKE CT. SUITE 500, LAPORTE,

TEXAS 77571 | USA

For more information, visit [Cyamopsisbiotech.com](https://www.cyamopsisbiotech.com)

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