

MATERIAL SAFETY DATA SHEET (MSDS)

Section 1: Product Identification & Supplier

Product Name: Guar Gum Powder

Botanical Name: Cyamopsis tetragonoloba

INCI Name: Guar Gum

Product Type: Natural Plant-Based Polysaccharide Powder

Country of Origin: India

Recommended Use: Cosmetic and personal care raw material used as a natural thickener, stabilizer, viscosity modifier, and conditioning agent.

Supplier: BOTANIC PLANET CANADA INC.

Address: 2 Bram Crt Unit # 3 & 4 Brampton Ontario

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Telephone number: 905.455.4444

Emergency phone number: (613)-996-6666 CANUTEC 24 HOUR EMERGENCY

SECTION 2: Hazard Identification

GHS Classification

Not classified as hazardous according to OSHA Hazard Communication Standard (29 CFR 1910.1200).

Signal Word

None

Hazard Statements

Not classified as a hazardous substance.

Precautionary Statements

Avoid breathing dust.

Avoid contact with eyes.

Use adequate ventilation when handling large quantities.

Keep container tightly closed.

Store in a cool, dry place.

SECTION 3: Composition / Information on Ingredients

Ingredient	CAS Number	Concentration
Guar Gum (Cyamopsis tetragonoloba)	9000-30-0	100%
No hazardous additives or preservatives.		

SECTION 4: First Aid Measures

Eye Contact

Rinse eyes carefully with clean water for several minutes. Remove contact lenses if present and easy to do. Seek medical attention if irritation persists.

Skin Contact

Wash with soap and water. No significant irritation expected under normal use.

Inhalation

Move to fresh air if dust is inhaled and irritation occurs. Seek medical attention if symptoms persist.

Ingestion

Rinse mouth with water. Seek medical advice if large amounts are consumed and discomfort occurs.

SECTION 5: Fire-Fighting Measures

Suitable Extinguishing Media

Water spray

Dry chemical

Carbon dioxide (CO₂)

Foam

Fire Hazards

Organic powder may create combustible dust conditions when dispersed in air.

Hazardous Combustion Products

May produce:

Carbon monoxide

Carbon dioxide

Protective Equipment

Firefighters should wear appropriate protective equipment and self-contained breathing apparatus.

SECTION 6: Accidental Release Measures

Personal Precautions

Avoid creating airborne dust.

Cleanup Methods

Collect spilled material using clean, dry equipment.

Avoid sweeping methods that create dust clouds.

Dispose according to local regulations.

SECTION 7: Handling and Storage

Handling

Avoid excessive dust formation.

Use in a well-ventilated area.

Follow good manufacturing practices.

Avoid contamination during handling.

Storage

Store:

In an airtight container

In a cool, dry location

Away from direct sunlight

Away from moisture

SECTION 8: Exposure Controls / Personal Protection

Exposure Limits

No specific occupational exposure limits established.

Respiratory Protection

Not normally required. Use dust mask or respirator when handling large quantities or where dust levels are high.

Eye Protection

Safety glasses recommended.

Hand Protection

Protective gloves recommended for prolonged handling.

Hygiene Measures

Wash hands after handling.

SECTION 9: Physical and Chemical Properties

Appearance Yellowish to whitish powder

Odor Characteristic mild odor

Physical State Powder

Solubility Soluble in water

pH 5.5 – 6.5

Viscosity 4000 – 4700 cps

Moisture Typically $\leq 10\%$

Color Off-white to pale yellow

SECTION 10: Stability and Reactivity

Stability

Stable under recommended storage conditions.

Conditions to Avoid

Moisture

Excessive heat

Direct sunlight

Strong oxidizing agents

Hazardous Decomposition

Thermal decomposition may produce carbon monoxide and carbon dioxide.

Hazardous Polymerization

Will not occur.

SECTION 11: Toxicological Information

No known toxic effects under normal cosmetic handling conditions.

Possible Effects

Dust may cause temporary respiratory irritation.

Dust contact may cause mild eye irritation.

Chronic Effects

No known carcinogenic, mutagenic, or reproductive hazards.

SECTION 12: Ecological Information

Natural plant-based polysaccharide

Expected to be biodegradable.

Avoid releasing large quantities into waterways.

SECTION 13: Disposal Considerations

Dispose of product and packaging according to applicable local regulations.

Avoid creating dust during disposal.

SECTION 14: Transport Information

DOT (USA): Not regulated

IATA: Not regulated

IMDG: Not regulated

Not classified as dangerous goods.

SECTION 15: Regulatory Information

OSHA Hazard Communication Standard (29 CFR 1910.1200): Not Hazardous

GHS Classification: Not Classified

Suitable for cosmetic and personal care applications.

Not a pharmaceutical ingredient unless specifically approved for such use.

SECTION 16: Other Information

Product: Guar Gum Powder

Botanical Name: *Cyamopsis tetragonoloba*

INCI: Guar Gum



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