

TARA GUM POWDER
Material Safety Data Sheet

MOLIGUM-5000

SECTION I

Manufacture's Name

MOLINOS ASOCIADOS SAC

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SECTION II – ingredients / Identity information.

(Physical and Chemical Properties)

Tara Gum is accepted as a food additive by the European Union under the E417 Identification (Food Additives approved by the EU). The European Union has conducted studies for Tara Gum whose results are found in documents WHO Food Additives Series 21, WHO Food Additives. Likewise, identification INCI (Cosmetics) indicates that the gum was identified as Tara Caesalpinia Spinosa: <http://www.nonstopbazaar.com/images/LightenexPlusIngredients.pdf>

Please check the laws and regulations applicable to the food industry in your country before using our stabilizing, binding and thickening products.

Other names: Galactomannan

CAS: 39300-88-4

NIOSH: MG1017000

DOT: None

Class: **NOT DANGEROUS**

SECTION III – Physical / Chemical Characteristics.

1. White/cream powder	
2. Galactomannans	minimum 85%
3. Humidity	maximum 12%
4. Ashes (15 h, 700 (deg) C)	maximum 1.5%
5. Proteins (N-content x 5,70)	maximum 3.0%
6. Fats	maximum 0.75%
7. Crude fibres	maximum 2.0%
8. Heavy metal total (Cu + Zn)	less than 20 ppm
9. Arsenic	maximum 3 ppm
10. Lead	maximum 5 ppm
11. Mercury	maximum 1 ppm

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Bacteriological Analysis

▪ Aerobios Mesófilos	≤ 250 u.f.c. /g
▪ Moulds & Starches	≤ 100 u.f.c. /g
▪ Salmonella (25 g)	absent
▪ E.coli (1g)	absent

SECTION IV – Fire and explosion Hazard Data.

Flash point: N/A.

Autoignition temperature: N/A

Thermal decomposition: N/A

Extinguishing Media: use water, alcohol foam, CO and dry chemicals.

Special fire fighting procedures: Evacuate area. Wear positive pressure, self-breathing apparatus and full protective clothing. Dike fire control water for later disposal

Unusual fire and explosion hazard: Solids streams of water may be ineffective in fire fighting; use flooding quantities of fog. Containers may be explode in heat of fire; cool with water.

SECTION V – Reactivity data.

Stability: Stable. Probable decomposition may occur for bacterial attack.

Incompatibility: N/A

Hazardous decomposition products: CO, CO₂.

Hazardous polymerization: N/A

SECTION VI – Health hazard data.

Exposure limits:

OSHA GENERAL INDUSTRY STANDARDS): N/A

OSHA CONSTRUCTION INDUSTRY STANDARDS): N/A

TLV: N/A

LD50 (rat): N/A

Routes of entry: Inhalation, swallowing, eyes.

Effects: Eyes redness, tearing; Breathing nasal and respiratory tract irritation; Swallowing gastric and intestinal level disorders due the astringent action.

Acute and chronic effects: None

Carcinogenicity: NTP: No; IARC Monographs: No; OSHA regulated: No

Emergency and first aid procedures: Inhalation: move to fresh air; Eye contact: flush with copious amounts of water; Swallowing: Immediately give large amounts of water. Induce vomiting.

SECTION VII – Precaution for safe handling and use.

Step to be taken in case material is released or spilled: Use absorbent paper to pick up all liquid spill material. Set all in a plastic bag for eventual disposal.

Waste disposal method: according with the local regulations

Precaution to be taken in handling storage: Avoid inhalation of this product. Store and keep fresh air in storage area.

SECTION VIII – Control measures.

Protection: Ventilation requirements; PVC gloves; safety glasses; respiratory mask.

SECTION IX – Special precautions

Sample delivery: Airfreight permitted. No IATA restrictions

The foregoing data has been compiled from sources which the company, in good faith, believes to be dependable and is accurate and reliable to the best of our knowledge and belief. However, the company cannot make any warranty or representation respecting the accuracy or completeness of the data and assumes no responsibility for any liability or damages relating thereto or for advising you regarding the protection of your employees, customers or others. users also consult OSHA and other applicable safety law/regulations before use.