



Regd Office. 106-107, Advent Atria,
Chincholi Bunder Road, Malad (West),
Mumbai – 400 064. India.
Phone : (+91)-(22)- 2881 18 18/19
Website : unisynthoverseas.com
CIN : U74900MH2011PLC22164

SAFETY DATA SHEET (SDS)
PRODUCT NAME - GUAR GUM

| Section 1 | | Product Description |
|------------------------------|---|---|
| Product Name | : | GUAR GUM |
| Commercial Name | : | UNICOL |
| Grade | : | Food Grade, Industrial Grade, Cosmetic Grade Fast Hydrating Guar Gum Grade. |
| Synonyms | : | Guar Gum , Modified Guar Gum , Fast Hydrating Guar Gum |
| Company Name | : | UNISYNTH OVERSEAS LTD |
| Office Address | : | 106/107 Advent Atria, Chincholi Bunder Road, Malad (W), Mumbai – 400064. |
| Contact no. | : | (+91)-22-42751818/28811818 (10amto 5pm) |
| Emergency contact no. | : | 022-42751818 |

| Section 2 | | Hazard Identification |
|---|----|--|
| Classification of the chemical in accordance with paragraph (d) of 1910.1200GHS classification: | | |
| Other Safety Precautions: | a. | Not a dangerous substance according to GHS classification criteria |
| | b. | No known OSHA hazards |
| | c. | May cause irritation. |
| | d. | May cause gastrointestinal discomfort. |
| | e. | May cause irritation to respiratory tract. |
| | f. | May cause irritation to skin. |

| Section 3 | | | Composition/ Information on Ingredients |
|-----------------------------|---------------------|---------------------------|--|
| <u>Chemical Name</u> | <u>CAS #</u> | <u>%</u> | |
| Guar Gum | 9000-30-0 | 100 | |
| <u>Chemical Name</u> | <u>EEC #</u> | <u>Mol. weight</u> | |
| Galactommanan | E-412 | (120000) H = 1) | |

FDA CODEX
GRAS

Section 4 **First Aid Measures**

Emergency and First Aid Procedures Inhalation:

In case of accident by inhalation: remove casualty to fresh air and keep at rest.

Eyes: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Skin Contact: After contact with skin, wash immediately with plenty of water.

Ingestion: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label

Cont ..



Section 5 Firefighting Procedures

Extinguishing Media: Use alcohol resistant foam, carbon dioxide, or dry chemical when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the surface of the fire. Do Not direct a stream of water into the hot burning liquid.

Fire Fighting Methods and Protection: Firefighters should wear full protective equipment and NIOSH approved self-contained breathing apparatus.

Fire and/or Explosion Hazards: N/A

Hazardous Combustion Products: Carbon dioxide, Carbon monoxide

Section 6 Spill or Leak Procedures

Steps to Take in Case Material Is Released or Spilled:

Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section 8 of this SDS. Additional precautions may be necessary based on special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred. Also consider the expertise of employees in the area responding to the spill. Avoid the generation of dusts during clean-up. Avoid creating dusts. Cover material with absorbent and moisten and collect for disposal. Avoid creating and inhaling dust. Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal protective equipment following the recommendation of Section 8 at a minimum. Dike with suitable absorbent material like granulated clay. Gather and store in a sealed container pending a waste disposal evaluation. Do not allow the spilled product to enter public drainage system or open waterways. Contain the discharged material.

Section 7 Handling and storage

Handling: Keep container tightly closed in a cool, well-ventilated place.

Storage: Keep container tightly closed in a cool, well-ventilated place.

Storage Code: Green - general chemical storage

Section 8 Protection

| Chemical Name | ACGIH | | OSHA PEL | |
|-------------------|-------|--------|----------|--------|
| | (TWA) | (STEL) | (TWA) | (STEL) |
| No data available | N/A | N/A | N/A | N/A |

Control Parameters Engineering Measures: No exposure limits exist for the constituents of this product. General room ventilation might be required to maintain operator comfort under normal conditions of use.

Personal Protective Equipment (PPE): Lab coat, apron, eye wash, safety shower.

Respiratory Protection: No respiratory protection required under normal conditions of use. Respiratory protection may be required in addition to ventilation depending upon conditions of use.

Eye Protection: Wear chemical splash goggles when handling this product. Have an eye wash station available.

Skin Protection: Avoid skin contact by wearing chemically resistant gloves, an apron and other protective equipment depending upon conditions of use. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

Gloves: Nitrile

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Section 9 Physical Data

| | |
|---|--|
| Nature: Hygroscopic | Physical state: Dry powder |
| Formula: N/A | Vapor Pressure: N/A |
| Molecular Weight: (120000) H = 1). | Evaporation Rate (BuAc=1): N/A |
| Appearance: Powder | Density: 9.55Gms./10ml. |
| Odor: No data available | Specific Gravity: 1.3 |
| Odor Threshold: No data available | Solubility in Water: 100% Soluble in cold water |
| pH: 5.5 to 6.7(30c temp.) | Log Pow (calculated): No data available |
| Melting Point: No data available | Autoignition Temperature: No data available |
| Boiling Point: No data available | Decomposition Temperature: No data available |
| Flash Point: No data available | Viscosity: 5500 cps Min.[2 Hrs.] 1%sol. |
| Flammable Limits in Air: N/A N/A | Percent Volatile by Volume: N/A |

Section 10 Reactivity Data

Reactivity: No data available
Chemical Stability: Stable under normal conditions.
Conditions to Avoid: None known.
Incompatible Materials: Strong oxidizing agents
Hazardous Polymerization: Will not occur

Section 11 Toxicity Data

Routes of Entry : Inhalation and ingestion.
Symptoms (Acute) : Respiratory disorders
Delayed Effects : No data available
Acute Toxicity :

| Chemical Name | Cas Number | Oral LD 50 | Dermal LD 50 | Inhalation LC50 |
|---------------|------------|-----------------------------|----------------|-----------------|
| Guar Gum | 9000-30-0 | Oral LD50 Rat 6770 mg/kg | Not determined | Not determined |

Carcinogenicity:

| Chemical Name | CAS Number | IARC | NTP | OSHA |
|-------------------|------------|------------|------------|------------|
| No data available | 9000-30-0 | Not listed | Not listed | Not listed |

Mutagenicity : No evidence of a mutagenic effect
Teratogenicity : No evidence of a teratogenic effect (birth defect)
Sensitization : No evidence of sensitization effect.
Reproductive : No evidence of negative reproductive effects.

Target Organ Effects

Acute : See Section 2
Chronic : Not listed as carcinogen by IARC, NTP or OSHA

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Overview: This material is not expected to be harmful to the ecology. Keep out of waterways.

Mobility: No data

Persistence: No data

Bioaccumulation: No data

Degradability: No data

Other Adverse Effects: No data

| Chemical Name | CAS Number | Eco Toxicity |
|---------------|------------|--------------|
| N/A | 9000-30-0 | |

Section 13 Disposal Information

Disposal Methods: Dispose in accordance with all applicable State and Local regulations. Always contact a permitted waste disposer (TSD) to assure compliance.

Waste Disposal Code(s): Not Determined

Section 14 Transport Information

Ground - Shipping Name:

Non-regulated

Air - IATA Proper Shipping Name:

Not regulated for air transport by IATA.

Section 15 Regulatory Information

TSCA Status: All components in this product are on the TSCA Inventory.

| Chemical Name | CAS Number | § 313 Name | § 304 RQ | § 302 TPQ | CAA112(2)TQ |
|-------------------|------------|------------|----------|-----------|-------------|
| No data available | 9000-30-0 | No | No | No | No |

Section 16 Additional Information

The information provided in this Safety Data Sheet represents a compilation of data drawn directly from various sources available to us. **UNISYNTH OVERSEAS LTD.** .. makes no representation or guarantee as to the suitability of this information to a particular application of the substance covered in the Safety Data Sheet.