

# SAFETY DATA SHEET

(RG, 13.12.2014, No-29204) It complies with the Regulation on Safety Data Sheets on Hazardous Substances and Mixtures.

<b>Substance/Mixture Name</b>	<a href="#">Konjac Gum</a>	<b>Regulation Date</b>	22.01.2025
		<b>Editing Date</b>	
<b>Form No</b>	044.502.13	<b>Number Of Editing</b>	1

## SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 Product Identifier

Product Name : [Konjac Gum](#)  
 Form No/GBF No : 044.502.13  
 Brand : [Tito](#)  
 E Code : E425  
 EC No : No additional information available  
 CAS No : 37220-17-0  
 Country of Origin : Türkiye (The origin of the main component is different from the origin of the final product).  
 Functional Class : Thickeners

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Manufacturing of products in food and various industries.  
 Foods that can be added : It is used in permitted finished products, taking into account the relevant limitations, in accordance with the regulations in the Turkish Food Codex, Food Additives Regulation and vertical communiqué. If the food laws are not explained enough, please apply to the Food Law Authorities in your country.  
 Uses advised against : No additional information available.

### 1.3 Details of the supplier of the tds Identification of the company

Name of Food Manufacturer : Smart Kimya Ticaret ve Danışmanlık Limited Şirketi  
 Address of Food Manufacturer : 3AO, 8901/3 Street, Balatçık Neighborhood, Ege Industrial Site, Çiğli/İzmir  
 Central Address : 10016 Street No:18 AOSB Çiğli/İzmir  
 Manufacturer Registration Number : TR-35-K-047442  
 Telephone : 0850 441 00 22  
 Email Address : [s@hammaddeler.com](mailto:s@hammaddeler.com)  
 Websites : [hammaddeler.com](http://hammaddeler.com) – [gbf.com.tr](http://gbf.com.tr)

### 1.4 Emergency Phone Number

National Toxic Information Center (UZEM): 114

## SECTION 2. HAZARDS IDENTIFICATION

### 2.1 Classification of Substance and Mixture

#### Classification according to Regulation (EC) No 28848/2013

The product is not classified as hazardous according to CLP Regulation (EC) No 1272/2008.

### 2.2 Label elements

#### Labelling according Regulation (EC) No 28848/2013

Pictogram : Not applicable  
 Signal word (SEA) : Not applicable  
 Hazard Statements (SEA) : Not applicable  
 Precautionary statement(s) : Not applicable  
 Supplemental Hazard Statements : None

### 2.3 Other hazards

No additional information available.



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## SECTION 3.COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Component Name	EC No	CAS No	Concentration (%)	(RG, 11.12. 2013, No 28848) Classification in accordance with the "Regulation on Classification, Labeling and Packaging of Substances and Mixtures" (SEA)
Glucomannan	No additional information available	37220-17-0	≥88	Not classified

### 3.2 Mixtures

Not applicable.

## SECTION 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

#### Following inhalation

Move to fresh air. If breathing stops,give artificial respiration. If necessary seek medical advice.

#### In case of skin contact

Rinse with plenty of water.

#### After eye contact

Immediately rinse with water for a prolonged period whilst keeping the eyes wide open. If irritation persists, consult an eye specialist

#### Following ingestion

Rinse mouth out with water. Do NOT give the affected person anything to drink, even if he is fully conscious. NEVER attempt to induce vomiting. Call a doctor immediately.

### 4.2 Most important symptoms and effects, both acute and delayed

No additional information available.

### 4.3 Indication of any immediate medical attention and special treatment needed

No additional information available.

## SECTION 5. FIREFIGHTING MEASURES

### 5.1 Extinguishing media

#### Suitable extinguishing media

Use Foam, Powders, Carbon dioxide (CO)

#### Unsuitable Extinguishing media

Do not use strong water jet.

### 5.2 Special hazards arising from the substance or mixture

Does NOT present any particular fire hazard. Finely divided solid. Dust explosion possible when mixed with air.

### 5.3 Advice for firefighters

See section 8.

### 5.4 Additional information

No additional information available

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with eyes. Do not breathe dust

### 6.2 Environmental precautions

Avoid direct discharge into drains.

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## 6.3 Methods and material for containment and cleaning up

Prohibited:

As far as possible, do NOT spray packaging which has been damaged or overturned with water.

Recovery:

Sweep up or vacuum up the product

Cleaning / Decontamination:

If necessary, wash with water following recovery

## 6.4 Reference to other sections

No additional information available

## SECTION 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Technical measures:

Dust extraction

Safe handling advice:

Avoid allowing the dust to build up. Clean regularly

### 7.2 Conditions for safe storage, including any incompatibilities

Technical measures:

Does not require any specific or particular technical measures

Storage conditions:

To guarantee the quality and properties of the product keep the container tightly closed and dry in a cool dry area.

Packaging materials:

Product must only be kept in the original packaging

Recommended:

Original packaging and water resistant materials.

### 7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

#### Components with Workspace Control Parameters

Total dust – VME: 10mg/m<sup>3</sup>

Inhalable dust (total) – TLV (TWA) : 10 mg/kg

### 8.2 Exposure controls

#### 8.2.1. Appropriate engineering controls

Ensure good ventilation of the work station.

#### 8.2.2. Personal protection equipment

##### Eye/face protection

Use safety spectacles.

##### Skin/Body protection

Use protective clothing.

##### Hand protection

Use appropriate gloves.

##### Respiratory protection

Use Half – mask

#### 8.2.3. Environmental exposure controls

No additional information available.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Physical state	: Powdered Solid
Colour	: Tan or off-white dark specks
Odour	: No additional information available
pH	: No additional information available
Solubility	: No additional information available



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Initial boiling point and boiling range : No additional information available  
 Melting point/Freezing point : No additional information available  
 Flash Point : No additional information available  
 Evaporation Rate : No additional information available  
 Vapor Pressure : No additional information available  
 Relative density : No additional information available  
 Flammability : No additional information available  
 Bulk density : No additional information available

## 9.2 Other information

No additional information available.

## SECTION 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

No additional information available.

### 10.2 Chemical stability

The product is stable.

### 10.3 Possibility of hazardous reactions

Polymerization will not occur.

### 10.4 Conditions to avoid

Excess heat , dust generation

### 10.5 Incompatible materials

Strong oxidizing agents.

### 10.6 Hazardous decomposition products

No additional information available.

## SECTION 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on Toxic Effects

#### Acute toxicity

No additional information available.

#### Serious eye damage/irritation

Slightly irritating to eyes.

#### Skin corrosion/irritation

No additional information available.

#### Respiratory or skin sensitization

No additional information available.

#### Germ cell mutagenicity

No additional information available.

#### Carcinogenicity

No additional information available

#### Reproductive toxicity

No additional information available.

#### Specific target organ toxicity – Single exposure

No additional information available.

#### Specific target organ toxicity - repeated exposure

Here is a table summarizing the data you provided in English:

Component	Data Available
<b>Carrageenan</b>	<b>NOAEL (No Observed Adverse Effect Level):</b> 4% (Kappa, Lambda, Iota) (Rat) – 1% (Iota) (Guinea Pig) Toxicity effects on the digestive system. Hepatotoxic effects at high levels (Guinea Pig, Rat). Extrapolation of results to humans is debatable.
<b>Potassium Chloride</b>	<b>NOAEL (No Observed Adverse Effect Level):</b> 1800 mg/kg/day (Rat, repeated dose toxicity over 24 months) Toxicity effects on the digestive system.

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## Aspiration Toxicity

No additional information available.

## SECTION 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

No additional information available.

### 12.2 Persistence and degradability

Possibly hazardous short term degradation products are not likely. However , long term degradation products may arise.

### 12.3 Bioaccumulative potential

No additional information available.

### 12.4 Mobility in soil

No additional information available.

### 12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### 12.6. Endocrine disrupting properties

No additional information available.

### 12.7 Other adverse effects

Harmful to aquatic organismus.

## SECTION 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Waste must be disposed of in accordance with local environmental control regulations.

## SECTION 14. TRANSPORT INFORMATION

### 14.1. UN number or ID number

ADR (Road)/RID (Rail) : Not regulated  
IMDG (Seaway) : Not regulated  
IATA (Airline) : Not regulated

### 14.2. UN proper shipping name

ADR (Road)/RID (Rail) : Not regulated  
IMDG (Seaway) : Not regulated  
IATA (Airline) : Not regulated

### 14.3. Transport hazard class(es)

ADR (Road)/RID (Rail) : Not regulated  
IMDG (Seaway) : Not regulated  
IATA (Airline) : Not regulated

### 14.4. Packing group

ADR (Road)/RID (Rail) : Not regulated  
IMDG (Seaway) : Not regulated  
IATA (Airline) : Not regulated

### 14.5. Environmental hazards

ADR (Road)/RID (Rail) : Not regulated  
IMDG (Seaway) : Not regulated  
IATA (Airline) : Not regulated

### 14.6. Special precautions for user

No additional information available.

### 14.7. Bulk transportation according to MARPOL 73/78 annex II and IBC code

No additional information available.



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## SECTION 15. REGULATORY INFORMATION

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

- Regulation on Classification, Labeling and Packaging of Substances and Mixtures (SEA) published in the Official Gazette dated December 1, 2013, bis numbered 28848.

- Regulation on Registration, Evaluation, Authorization and Restriction of Chemicals (KKDIK) published in the Official Gazette dated June 23, 2017 and numbered 30105.

### 15.2. Chemical safety assessment

For this product a chemical safety assessment was not carried out.

## SECTION 16. OTHER INFORMATION

### Waiver Statement

The information presented in this safety data sheet is based on the information we already have. Although the information is reliable, it should not be considered accurate and complete. The prepared safety data sheet does not constitute a guarantee and should be used as a guide. This information has been prepared specifically for the substance or mixture in question, and may not be valid for compounds and processes made with other substances. and may vary depending on other raw materials; For this reason, the person or institution purchasing the products freely decides to use the product after evaluating its suitability for its own use, its impact on environmental conditions, its effects on occupational health and safety. Hammaler.com, Smart Kimya Tic. and Dan. Ltd. Şti., our representatives and solution partners cannot be held responsible for the use of this information.

