

# 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="#">Powdered Hazelnut Flavor</a>	<b>Regulation Date</b>	
		<b>Editing Date</b>	
<b>Form No</b>	019.225.62	<b>Number Of Editing</b>	1

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

### 1.1 Product Identifier

Product Name : [Powdered Hazelnut Flavor](#)  
 Form No/GBF No : 019.225.62  
 Brand : [Tito](#)  
 E Code : No additional information available.  
 EC No : No additional information available  
 CAS No : No additional information available  
 Country of Origin : Türkiye (The origin of the main component is different from the origin of the final product).  
 Functional Class : Flavorings

### 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 Trade and Consultancy Limited Company  
 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) - [smartkimya.com](http://smartkimya.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

According to the Regulation on Classification, Labeling and Packaging of Substances and Mixtures published in the Official Gazette dated December 1, 2013 and bis numbered 28848, it is not a hazardous substance or mixture.

### 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  
 EUH210 : Safety data sheet available on request.

### 2.3 Other hazards

Potential dust explosion hazard.

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.



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## SECTION 3.COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

No additional information available

### 3.2 Mixtures

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)
Vanillin	204-465-2	121-33-5	>= 1 - < 10	Eye Irrit. 2; H319

## SECTION 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

#### General advice

Take Hazard and Precautionary phrases (section 2) into account.

#### Following inhalation

Remove from exposure site to fresh air and keep at rest. If victim is unconscious, remove foreign bodies from the mouth. If victim has stopped breathing, give artificial respiration. Obtain medical advice.

#### In case of skin contact

Remove contaminated clothes. Wash thoroughly with water (and soap). Contact physician if symptoms persist.

#### After eye contact

Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.

#### Following ingestion

Rinse mouth with water and obtain medical advice.

### 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

Carbon dioxide, dry chemical, foam.

#### Unsuitable extinguishing media

Do not use a direct waterjet on burning material.

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

No additional information available.

### 5.3 Advice for firefighters

No additional information available.

### 5.4 Additional information

No additional information available.



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## SECTION 6. ACCIDENTAL RELEASE MEASURES

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

Avoid inhalation and contact with skin and eyes. A self-contained breathing apparatus is recommended in case of a major spill. Prevent spreading over a wide area (e.g., by containment or oil barriers).

### 6.2 Environmental precautions

Keep away from drains, surface- and groundwater and soil.

### 6.3 Methods and material for containment and cleaning up

Clean up spillage promptly. Remove ignition sources. Provide adequate ventilation or exhaust. Avoid excessive inhalation of dust and vapours. Contain and recover free product. Dispose of according to the local regulations.

### 6.4 Reference to other sections

No additional information available.

## SECTION 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Avoid excessive inhalation of concentrated vapors. Follow good manufacturing practices for housekeeping and personal hygiene. Wash any exposed skin immediately after any chemical contact, before breaks and meals, and at the end of each work period. Contaminated clothing and shoes should be thoroughly cleaned before re-use. If appropriate, procedures used during the handling of this material should also be used when cleaning equipment or removing residual chemicals from tanks or other containers, especially when steam or hot water is used, as this may increase vapor concentrations in the workplace air. Where chemicals are openly handled, access should be restricted to properly trained employees. Keep all heated processes at the lowest necessary temperature in order to minimize emissions of volatile chemicals into the air. Keep away from ignition sources and naked flame. Mixture may charge electrostatically: always use earthing leads when transferring from one container to another.

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

Store in a cool, dry, ventilated area away from heat sources. Keep containers upright and tightly closed when not in use.

### 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

Contains no substances with occupational exposure limit values.

### 8.2 Exposure controls

#### 8.2.1. Appropriate engineering controls

Where appropriate, use closed systems to transfer and process this material. If appropriate, isolate mixing rooms and other areas where this material is used or openly handled. Maintain these areas under negative air pressure relative to the rest of the plant.

#### 8.2.2. Personal protection equipment

##### Eye/face protection

Use tight-fitting goggles, face shield or safety glasses with side shields if eye contact might occur. Equipment should conform to EN 166

##### Hand protection

The gloves are made from nitrile rubber, offering varying levels of protection based on thickness and break-through time. The first set of gloves has a thickness of 0.38 mm and a break-through time of over 60 minutes, providing a higher level of durability and resistance to chemicals or other hazardous substances. In contrast, the second set, with a thinner thickness of 0.1 mm, offers a shorter break-through time of more than 10 minutes. While these gloves are more lightweight, they still provide a reasonable level of protection, but with a lower resistance to prolonged exposure to harmful materials. Avoid skin contact. Use chemically resistant gloves. The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it. Be aware that in daily use the durability of a chemical resistant protective glove can be notably shorter than the break through time measured according to EN 374, due to the numerous outside influences (e.g. temperature). Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other.

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## Respiratory protection

Use local exhaust ventilation around open tanks and other open sources of potential exposures in order to avoid excessive inhalation, including places where this material is openly weighed or measured. In addition, use general dilution ventilation of the work area to eliminate or reduce possible worker exposures. No respiratory protection is required during normal operations in a workplace where engineering controls such as adequate ventilation, etc. are sufficient. If engineering controls and safe work practices are not sufficient, approved, properly fitted respirator with organic vapor cartridges or canisters and particulate filters should be used: a) while engineering controls and appropriate safe work practices and/or procedures are being implemented; or b) during short term maintenance procedures when engineering controls are not in normal operation or are not sufficient; or c) if normal operational workplace vapor concentration in the air is increased due to heat; d) during emergencies; or e) if engineering controls and operational practices are not sufficient to reduce airborne concentrations below an established occupational exposure limit.

## Protective measures

To the extent deemed appropriate, implement pre-placement and regularly scheduled ascertainment of symptoms and spirometry testing of lung function for workers who are regularly exposed to this material. To the extent deemed appropriate, use an experienced air sampling expert to identify and measure volatile chemicals that could be present in the workplace air to determine potential exposures and to ensure the continuing

### 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	: Powder
Colour	: off-white
Odour	: not determined
pH	: 5.40
Solubility	: No additional information available
Initial boiling point and boiling range	: No additional information available
Melting point/Freezing point	: No additional information available
Flash Point	: Not applicable
Evaporation Rate	: No additional information available
Vapor Pressure	: Not applicable
Relative density	: No additional information available
Flammability	: No additional information available
Viscosity	: No additional information available
Partition coefficient: n-octanol/water	: No additional information available
Autoignition temperature	: No additional information available
Explosion limit (Upper/Lower)	: 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

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

Presents no significant reactivity hazard, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidizing agents.

### 10.4 Conditions to avoid

Direct sources of heat.

### 10.5 Incompatible materials

Avoid contact with strong acids, alkali or oxidizing agents.

### 10.6 Hazardous decomposition products

Carbon monoxide and unidentified organic compounds may be formed during combustion.

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## SECTION 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on Toxic Effects

#### Acute toxicity

No additional information available.

#### Serious eye damage/irritation

No additional information available

#### Skin corrosion/irritation

#### Vanillin:

Species : human

Method : closed patch test

Result : No skin irritation

#### Respiratory or skin sensitization

#### Vanillin

Test Type : maximisation study

Species : human

Result : Did not cause sensitization on laboratory animals.

Test substance : 5% in petrolatum

#### 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

No additional information available.

#### Aspiration Toxicity

No aspiration toxicity classification

#### Additional Information

No additional information available.

## SECTION 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

No additional information available.

### 12.2 Persistence and degradability

No additional information available.

### 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

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

### 12.7 Other adverse effects

Very toxic to aquatic life with long lasting effects.



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## SECTION 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

#### Product

Dispose of according to local regulations. Avoid disposing into drainage systems and into the environment.

#### Contaminated packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 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.

## 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.



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## 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.

