

SAFETY DATA SHEET

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

Substance/Mixture Name	Maltodextrin DE=20	Regulation Date	15.01.2024
		Editing Date	
Form No	064.500.02	Number Of Editing	1

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

1.1 Product Identifier

Product Name : [Maltodextrin DE=20](#)
 Form No/GBF No : 064.500.02
 Brand : [Tito](#)
 E Code : No additional information available.
 EC No : 232-940-40
 CAS No : 9050-36-6
 Country of Origin : Türkiye (The origin of the main component is different from the origin of the final product).
 Functional Class : Bulking Agents, Sugars
 Source : Corn

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
 Websites : hammaddeler.com – 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

According to the Regulation on Classification, Labeling and Packaging of Substances and Mixtures published in the Official Gazette dated 1 December 2013 and 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 : 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)
Maltodextrin	232-940-40	9050-36-6	100	Not classified

3.2 Mixtures

Not applicable.

SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures

Following inhalation

If inhaled , remove to fresh air.If not breathing , give artificial respirator. If breathing is difficult, Seek medical attention.

In case of skin contact

Wash with water. If irritation exists, seek medical attention.

After eye contact

Flush eyes with water for 15 minutes. If irritation exists, seek medical attention.

Following ingestion

No hazard.

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

Water spray, Foam, Carbon dioxide, dry chemical powder.

5.2 Special hazards arising from the substance or mixture

Dust dispersed in air becomes explosive when exposed to ignition source.

5.3 Advice for firefighters

Use self contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

5.4 Additional information

No additional information available.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use appropriate equipment to minimize direct contact with skin or eyes and prevent inhalation of dust.

6.2 Environmental precautions

Use a shovel to put the material into a convenient waste disposal container.

6.3 Methods and material for containment and cleaning up

Sweep or shovel spills into appropriate container for disposal. Sweep up with explosion proof vacuum cleaner. Avoid making dust.

6.4 Reference to other sections

No additional information available.

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SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with eyes ,skin and clothing. Avoid breathing dust.

7.2 Conditions for safe storage, including any incompatibilities

Sealed bags should be stored in-doors under cool, dry conditions. There should be no smoking, welding or open flame in the storage area.

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

No additional information available.

8.2 Exposure controls

8.2.1. Appropriate engineering controls

No additional information available.

8.2.2. Personal protection equipment

Work/Hygiene Practice

Practice good housekeeping.

Eye/face protection

Safety glasses may be desirable when dumping bags.

Skin protection

Not required.

Body Protection

Not required.

Respiratory protection

Use appropriate mask when necessary.

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	: Solid
Colour	: White
Odour	: Odorless
Formula	: $C_6nH_{(10n+2)}O_{(5n+1)}$
Molecular weight	: No additional information available
pH	: No additional information available
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	: No additional information available
Evaporation Rate	: 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

Product is stable.

10.3 Possibility of hazardous reactions

Polymerization will not occur.



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10.4 Conditions to avoid

No additional information available.

10.5 Incompatible materials

Practices which produce dust or disperse finely divided dust in air. Please see standard for the prevention of fire and dust explosions in Food processing facilities and other related standards.

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

May cause eye irritation.

Skin corrosion/irritation

May cause skin irritation.

Respiratory or skin sensitization

Avoid breathing dust. May be harmful if inhaled.

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 additional information available.

Additional Information

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity

The product is not toxic.

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

No additional information available.

12.6. Endocrine disrupting properties

No additional information available.

12.7 Other adverse effects

No additional information available.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Consultation with a permitted waste disposal site should be accomplished. Always contact a permitted waste disposal to assure compliance with all current local, State and Federal Regulations.

Packaging must be disposed of in compliance with country specific regulations.



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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.

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.