

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	Beet Root Red Food Colorant	Regulation Date	16.01.2025
		Editing Date	
Form No	060.650.50	Number Of Editing	1

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

1.1 Product Identifier

Product Name : [Beet Root Red Food Colorant](#)
 Form No/GBF No : 060.650.50
 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 : Colorants
 Source : No additional information available

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

Classification according to Regulation (EC) No 2884/2013

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

2.2 Label elements

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

Special provisions according to Annex XVII of REACH and subsequent amendments

No additional information available.



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SECTION 3.COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Component Name	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)
Beetroot (Betanin)	57917-55-2	No additional information available	Not classified
Maltodextrin	9050-36-6	No additional information available	Not classified
Silicon Dioxide	7631-86-9	No additional information available	Not classified

3.2 Mixtures

Not applicable.

SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures

Following inhalation

Remove to fresh air. In the event there is reaction to this product keep at rest and seek medical attention.

In case of skin contact

Colour may stay the skin but it is harmless. Remove contaminated clothing. Wash affected areas with warm water and detergent. In case persisting irritation, obtain medical attention.

After eye contact

Flush eyes thoroughly with water for several minutes. Eyelids held wide open remove contact lens after initial 1-2 minutes and continue flushing at least 8 minutes. If irritation occurs, seek medical attention.

Following ingestion

Rinse mouth with water. Drink at least 250-300 ml water dilution. In severe cases obtain medical attention

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

CO₂, foam alcohol resistant foams (ATC type) are preferred.

Unsuitable extinguishing media

Do not use direct water stream may spread fire, dry chemicals.

5.2 Special hazards arising from the substance or mixture

During a fire smoke may contain original materials in addition to combustion product of varying composition product may include and are not limited to aldehydes carbon monoxide. Nonflammable organic liquid of low volatility

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5.3 Advice for firefighters

Wear positive-pressure self-contained breathing apparatus and protective firefighting clothing (includes firefighting helmet, coat, trousers, boots and gloves) If protective equipment is not available or not used, fight fire from a protected location or safe distance. Keep people away isolated fire area and deny unnecessary entry. Burning liquid may be moved by flushing with water to protect personnel and minimize property damage. Burning liquids extinguished by dilution with water.

5.4 Additional information

No additional information available.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Isolated area and use appropriate personal protection see at section 8.

6.2 Environmental precautions

Contain liquid to prevent contamination of soil, surface water or ground water. If the substance has contaminated, inform the local authorities.

6.3 Methods and material for containment and cleaning up

Small Spillages

Flush the spillage with large of warm or hot water, avoiding splashing

Large Spillages

Contain with dike pump into suitable and properly labelled container. Recover if possible or dispose of according to applicable regulations.

6.4 Reference to other sections

For personal protection see section 8.

For disposal see section 13.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Wear recommended protective clothing.

7.2 Conditions for safe storage, including any incompatibilities

Store in tightly closed container at cool dry place and protected direct sun light.

Shelf Life: Min.12 months

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

Provide general and/or local exhaust ventilation to control airborne levels the exposure guidelines and good local ventilation.

8.2.2. Personal protection equipment

General Protection

Handle in accordance with good hygiene and safety practices. Avoid contact with skin and eyes.

Eye/face protection

Splash goggles.

Skin protection

Work clothing and rubber or vinyl gloves.

Respiratory protection

Atmospheric levels should be maintained below the exposure guideline. For most conditions, no respiratory protection should be needed; however, if material is heated or sprayed, (potential for misty atmospheres) use an approved air-purifying respirator. Use a CE approved air-purifying respirator with cartridge / filter for: Organic vapours and particles.

8.2.3. Environmental exposure controls

No additional information available.



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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	: Powder
Colour	: Red to deep red
Odour	: Slightly fruity odour
pH	: Not applicable
Solubility	: Soluble in water
Initial boiling point and boiling range	: No additional information available
Melting point/Freezing point	: No additional information available
Flash Point	: No additional information available
Moisture Content	: Max 8%
Vapor Pressure	: No additional information available
Relative density	: No additional information available
Flammability	: 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 condition for recommendations on handling and storage

10.3 Possibility of hazardous reactions

No additional information available.

10.4 Conditions to avoid

Dissolution of colour with hard water, product can decompose at elevated temperature.

10.5 Incompatible materials

Contact with strong acids, alkalins and strong oxidizing agent.

10.6 Hazardous decomposition products

Not to be expected.

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

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

No additional information available.

Aspiration Toxicity

No additional information available.

Additional Information

Slightly hazardous in case of eye contact (irritant) of ingestion of inhalation.



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SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity

No additional information available.

12.2 Persistence and degradability

Readily biodegradable.

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

The preferred options are to send to a licensed and permitted; recycler. Reclaimer, Incinerator. Waste water treatment facility. Any disposal practice must be in compliance with all local and national laws and regulations. Do not dump into any sewers, on the ground or into any body of water.

Treatment of Empty Containers

Empty containers can only be disposed of when the remaining product adhering to the container walls has been removed. Remove all labels.

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.

