

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	Powdered Mastic Flavor	Regulation Date	20.12.2024
		Editing Date	
Form No	019.155.62	Number Of Editing	1

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

1.1 Product Identifier

Product Name : [Powdered Mastic Flavor](#)
 Form No/GBF No : 019.155.62
 Brand : [Tito](#)
 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
 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 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
 Websites : hammaddeler.com - smartkimya.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 28848/2013

Asp. Tox. (Category 1),H304
 Skin Sens. (Category 1),H317
 Aquatic Chronic (Category 2),H411
 For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 Label elements

Labelling according Regulation (EC) No 28848/2013

Pictogram



:

Signal word (SEA)

: Danger

Hazard Statements (SEA)

H304 : It is fatal if swallowed and enters the respiratory tract.
 H317 : It causes allergic skin reactions.
 H411 : Toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P261 : Avoid breathing dust/fume/gas/mist/vapors/spray.
 P280 : Wear protective gloves/protective clothing/eye protection/face protection.
 P301 + P310 : IF SWALLOWED: Call the NATIONAL POISON CONSULTATION CENTER AT 114 or a doctor/physician.
 P321 : Special treatment required (see label)

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P304 + P340 + P310 : Store locked up
P501 : Dispose of contents/container...
Supplemental Hazard Statements : None

2.3 Other hazards
No additional information available.

SECTION 3.COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances
Not applicable.
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)
Pinene	201-291-9	80-56-8	10.0-25.0	Flam.Liq.3, H226; Asp. Tox.1, H304; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Sens. 1, H317

SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures
Following inhalation
Remove the person to fresh air. If any breathing problems occur, seek medical attention. In case of unconsciousness, the person should be placed in a stable side position and transported.
In case of skin contact
Remove contaminated clothing or shoes and wash the affected area with plenty of soap and water for at least 15 minutes. If any discomfort occurs, seek medical attention. Before reuse, wash contaminated clothing and clean shoes.
After eye contact
Rinse the eye with plenty of water for at least 15 minutes, keeping the eyelids open. If any complaints occur, seek medical attention.
Following ingestion
If swallowed, DO NOT MAKE THE PERSON VOMIT. If the person is fully awake and conscious, rinse their mouth with water. If a large amount is swallowed or if any complaints occur, seek 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, extinguishing powder or water spray. Fight larger fires with water spray and alcohol-resistant foam.
Unsuitable extinguishing media
Direct water flow.
5.2 Special hazards arising from the substance or mixture
No additional information available.
5.3 Advice for firefighters
Firefighters must wear positive pressure breathing apparatus and full protective clothing. Use water spray to cool packages exposed to fire.
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

Ventilate the area where the accident occurred thoroughly. Use personal protective equipment as specified in section 8. Eliminate all ignition sources (cigarettes, sparks or flames). Do not touch or walk on the spilled material.

6.2 Environmental precautions

Prevent spreading over a wide area. Prevent the substance from entering water channels, sewers, basements or closed areas. Inform the competent official authorities if it mixes with water or sewers.

6.3 Methods and material for containment and cleaning up

Vacuum/sweep the spilled product and fill it into suitable waste containers. Wash the surface where the product was spilled. Equipment used in dusty environments must have the appropriate electrical protection class.

6.4 Reference to other sections

See section 7 for information on safe use.
See section 8 for information on personal protective equipment.
See section 13 for information on disposal.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Use in environments with adequate ventilation. Be careful not to get it in the eyes, skin and clothing; not to swallow or breathe it.

7.2 Conditions for safe storage, including any incompatibilities

Protect drums from physical damage. Store in cool, dry, well-ventilated areas, away from heat sources and materials to be avoided. Keep in tightly closed drums.

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

Use appropriate protective equipment.

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

General protection

Keep away from food, beverages and feedstuffs. Remove contaminated or contaminated clothing immediately. Wash your hands before breaks and at the end of work.

Eye/face protection

Wear goggles when refilling from one place to another.

Skin protection

Wear suitable protective apron.

Hand Protection

Wear suitable, chemical-resistant, protective gloves.

Respiratory protection

In emergency situations where exposure limits are unknown, use a positive pressure breathing apparatus.

8.2.3. Environmental exposure controls

Prevent water used in fire extinguishing from mixing with surface or groundwater. It should be disposed of according to the regulations in force. The packaging of the product that cannot be cleaned should be treated as the product and disposed of.

Ventilation: Use adequate general or local ventilation

Safety Conditions: Maintain eyewash fountains and rapid irrigation devices in the work area

Contaminated Equipment: Wash contaminated clothing before reuse. Clean contaminated shoes before reuse.

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	: Powder
Colour	: Whitish
Odour	: Characteristic
pH	: No additional information available
Solubility	: No additional information available
Initial boiling point and boiling range	: >35 °C
Melting point/Freezing point	: No additional information available
Flash Point	: >100 °C (closed cup method)
Evaporation Rate	: No additional information available
Vapor Pressure	: Not applicable
Relative density	: No additional information available
Flammability	: The product does not have self-ignition properties.
Ignition temperature	: 255°C
Explosive Properties	: The product does not pose a risk of explosion.
Oxidizing Properties	: It has no oxidizing properties.
Moisture Content	: Max. %5

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 when used and stored under appropriate conditions. Hazardous polymerization does not occur.

10.3 Possibility of hazardous reactions

There are no known dangerous reactions.

10.4 Conditions to avoid

Dusting and materials to avoid.

10.5 Incompatible materials

Moisture and strong oxidizing agents.

10.6 Hazardous decomposition products

During a fire, toxic and irritating gases, carbon dioxide and carbon monoxide may be released as a product of thermal decomposition or combustion.

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

It causes allergic skin reactions.

Germ cell mutagenicity

No additional information available.

Carcinogenicity

No additional information available

Reproductive toxicity

No additional information available.



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Specific target organ toxicity – Single exposure

No additional information available.

Specific target organ toxicity - repeated exposure

No additional information available.

Aspiration Toxicity

It is fatal if it enters the respiratory tract and is swallowed.

LD50/LC50

Chemical Name: Pinene (Cas No: 80-56-8)		
Oral	LD50(oral)	3700 mg/kg (rat)
Skin	LD50(skin)	>5000 mg/kg (rabbit)

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

Prevent even small amounts from reaching groundwater, standing and flowing water, and sewage. Even small amounts that flow underground pose a threat to drinking water. Toxic to fish and plankton in standing and flowing water. Harmful to aquatic organisms. Toxic to fish.

12.5 Results of PBT and vPvB assessment

PBT and vPvB assessment not required/not conducted. Chemical safety assessment not available.

12.7 Other adverse effects

No additional information available.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product

The product must be disposed of in accordance with the regulations in force. Disposal with household waste is prohibited. Prevent it from reaching the sewer.

Contaminated packaging

The packaging of the product that cannot be cleaned should be disposed of as the product itself.

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) : 3077 Environmentally Hazardous Substance, Solid, N.O.S. (Pinene)
 IMDG (Seaway) : 3077 Environmentally Hazardous Substance, Solid, N.O.S. (Pinene)
 IATA (Airline) : Environmentally Hazardous Substance, Solid, N.O.S. (Pinene)

14.3. Transport hazard class(es)

ADR (Road)/RID (Rail) : 9
 IMDG (Seaway) : 9
 IATA (Airline) : 9

14.4. Packing group

ADR (Road)/RID (Rail) : III
 IMDG (Seaway) : III
 IATA (Airline) : III

14.5. Environmental hazards

ADR (Road)/RID (Rail) : Not regulated



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IMDG (Seaway) : Yes
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.

