



Specification

Product Name: Tapioca Flour | Starch

Product Code: SPEC0219

Description:

Our Tapioca Flour is a premium quality fine white powder. Also known as Tapioca Starch. A natural product ground from the Cassava plant roots It is ideal for anyone on a Gluten free diet and contains no fat or cholesterol. It is low in Sodium and contains iron and calcium. Also used as a thickener in pies, sauces and soups and will give a glossy finish. It is used as a binding agent in Gluten free recipes and can be mixed with other flours to make pastry, bread and cakes which are Gluten free.

Specifications:

Physical Standards and Characteristics	
Appearance	Powder
Colour	White – 93% Minimum
Texture	Free-flowing
Odour & Taste	Neutral Flavour
Foreign Matter	<0.15%

Chemical Analysis	
pH	5-7
Moisture	<13%
Aflatoxin	<20.0 µg/kg
Pesticide residues	Organophosphate Group: Malathion: <0.5 mg/kg. Omethoate: <0.05 mg/kg. Organochlorine Group: aldrin and dieldrin: <0.1 mg/kg. Carbamate Group: carbofuran <0.2 mg/kg.
Heavy metals	<40.0 mg/kg

Microbiological Analysis	
Total viable count	<50,000 cfu/g
Coliforms	<3.0 cfu/g
E. Coli	<3.0 cfu/g
Salmonella	Absent in 25g
Staph. aureus	Absent/g
Yeasts	<100 cfu/g
Moulds	<100 cfu/g
Other	Clostridium perfringens <1,000 cfu/g Bacillus cereus: <1,000 cfu/g

Metal Detection	
Ferrous (mm)	2.0
Non-Ferrous (mm)	2.7

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Stainless Steel (mm)	3.0
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Health & Safety - COSHH	
Hazards	Not classified as a Dangerous Substance within the definition of Directive 1999/45/EC.
Precautions	n/a
First aid	n/a
Spillage	Sweep up and dispose to landfill (biodegradable)

Ingredients:

Tapioca Flour

Dietary Information:

Suitable for Vegans & Vegetarians. Non-GMO, Gluten Free, Non-Irradiated.

Nutritional Information:

Based on typical content/100g: Energy: 1498kj/358kcal, Fat: 0.02g, Of which saturates: 0.01g, Carbohydrate: 88.69g, Of which sugars: 0.01g, Protein: 0.19g, Salt: 0g.

Storage:

Store in dry, cool conditions and not in direct sunlight.

Packaging:

Size	EAN
500g	5056191010132
1kg	5056191010149
5kg	5056191010156

Shelf Life:

36 months from production date.

Allergen Declaration

Allergen	Contains (Y/N)
Cereals containing Gluten	N
Crustaceans	N
Eggs	N
Fish	N
Peanuts	N
Soybeans	N
Milk	N
Nuts	N
Celery	N
Mustard	N
Sesame Seeds	N
Sulphur Dioxide and Sulphites (at concentration of more than 10mg/kg or 10mg/L in terms of Sulphur Dioxide)	N
Lupin	N
Molluscs	N

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Material Safety Data Sheet

1: Suppliers Details:

Special Ingredients Ltd, 4 Foxwood View, Chesterfield, S41 9RN. Tel: 0044 (0)1246 906247.

E-mail address: <https://specialingredients.co.uk/pages/contact>.

Emergency Telephone Contact: 07387 330318.

2: Product Identification:

Material Name: Tapioca Starch

3: Physical / Chemical Properties:

Boiling Point: Lose H₂O upon heating, 100°C not volatile.

Vapor Pressure (mmHg): NA

Vapor Density (Air1): NA

Melting Point: NA

Evaporation Rate: NA

Solubility: Soluble in water, 20% solution has pH value 5.0 to 7.0

Appearance and Odour: White coloured powder with characteristic odour.

4: Fire and Explosion Hazard Data

Flash Point: NA

Flammable Limit: NA

Extinguishing Media: Water, Carbon Dioxide, Dry chemical fire extinguisher

Special Firefighting Procedures: Use breath protection because poisonous gasses will be formed when product is burned.

Hazardous Decomposition Products

: Carbon Monoxide, Carbon Dioxide

Explosion Hazard: Starch suspended in air in a confined space is sever explosion risk.

5: Reactivity Data:

Stability: Stable

Conditions to avoid: NA

Incompatibility: Strong oxidants, acids and alkalis.

Hazardous Decomposition or by products: NA

Hazardous Polymerization: Will not occur

Conditions to avoid: NA

6: Health Hazard Data:

Routes of Entry: Eye Contact X Inhalation: X

Health Hazard: Not known to be a health hazard. Dust may cause irritation in the eyes and mucus membranes.

Emergency and First Aid Procedures:

- In eyes: Flush immediately with clean water for 15 minutes. Get medical attention.
- If swallowed: Drink water. Do not induce vomiting. Get medical attention.

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- If breathed: Move individual to fresh air.
- On skin: Thoroughly flush with water.

7: Precautions for safe handling and use:

Steps to be taken in case material is released or spilled: Sweep up spilled product with broom or vacuum.

Waste disposal methods: Dispose of in accordance with local, state and federal Government regulations.

Precautions to be taken in handling and storage: Store in a cool and dry place.

8: Protective Equipment:

Respiratory Protection: Approved dust mask required.

Ventilation: Use adequate general or local exhaust ventilation to keep fume and dust levels as low as possible.

Eye Protection: Safety glasses with side shields.

Protective Gloves: Not required.

9: Other Information:

The information contained in this data sheet is, to the best of our knowledge, true and accurate, but any recommendations or suggestions which may be made are without guarantee, since the conditions of use are beyond our control. We do not accept any liability whatsoever, however arising, which results directly or indirectly from the use of the product.