



Specification

Product Name: Maltitol Powder

Product Code: SPEC0218

Description:

Our Maltitol Powder is a medium particle size bulk sweetener, which is produced from naturally occurring compounds in wheat and maize. It is naturally sweet and provides the foundation for product innovation, it intensifies the flavour and improves the nutritional value, all without a major change in recipes or manufacturing processes. Commonly used in baked products, ice cream, chocolate, desserts and confectionery to prevent recrystallization of sugars and increase the shelf life. It can also be used for its freezing point depression abilities. Maltitol Powder is a sweetener that can be used as a sugar substitute, it has 75-90% sweetness of sucrose.

Specifications:

PHYSICAL AND CHEMICAL PROPERTIES					
	<u>Min</u>	<u>Max</u>	<u>Typical</u>	<u>Unit</u>	<u>Method</u>
Moisture (KF)		0.52		%	BSCH017
Maltitol	99			w%w on ds	BSCH036
Particle	40%>100	5%>500	200	µm	BSCH103
Reducing sugars		0.1		%	Ph. Eur.
SO2		10		ppm	/

MICROBIOLOGICAL PROPERTIES				
	<u>Max</u>	<u>Typical</u>	<u>Unit</u>	<u>Method</u>
Total mesophylic count	200		/g	/
Yeasts	20		/g	/
Moulds	20		/g	/
Salmonella	neg.		/25 g	ISO 6579

Ingredients:

Maltitol (E965(ii)) (>10% in final product: extra labelling of "excessive consumption may have a laxative effect" (1169/2011/EC))

Origin:

Maize (Corn)

Dietary Information:

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

Storage:

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

Packaging:

250g	5056191010064
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Registered UK Company No: 08758412 | UK VAT No: GB175274393



500g	5056191010071
1kg	5056191010088
5kg	5056191010330
10kg	5056191010354

Shelf Life:

48 months if stored as above and unopened.

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

Material Safety Data Sheet**1: Identification of the substance/mixture and the company:**

Trade name: Maltitol Powder

Chemical name: Crystalline D-Maltitol

Company Identification: Special Ingredients Ltd, 4 Foxwood View, Chesterfield, S41 9RN.

Tel: 0044 (0)1246 906247

Use of the substance / mixture:

Emergency Telephone Contact: 07387 330318. <https://specialingredients.co.uk/pages/contact>**2: Composition / Information on Ingredients:**

Composition: See Technical sheet

3: Hazards Identification:

Symptoms relating to use

- Inhalation: Can cause dust (mean timeweight < 10mg/m³)
- Skin contact: Light irritation is possible
- Eye contact: Can cause scratches & mechanical irritation to the eye surface

**4: First Aid Measures:**

Seek for medical attention if irritation develops.

Inhalation: remove people to areas with fresh air.

Skin contact: wash the skin with water & soap

Eye contact: remove by rinsing the eye with eye water or clean water

Ingestion: wash the mouth then rinse the throat & oesophagus to the stomach.

5: Firefighting Measures:

Extinguishing media: Use carbondioxide, dry chemicals, foam, waterspray as fire-fighting means

6: Accidental Release Measures:

Environmental precautions: Biodegradable, increases BOD & COD.

After leakage: Put spilled product in barrel. Do not make dust. Rinse with water.

7: Handling and Storage:

Storage: Take precautions to avoid dust. Avoid accumulation of the powder to the surface. Avoid static electricity.

Store in a dry, cool and well ventilated area. prevent heat contact, smoking, welding or open flame in the storage area.

8: Exposure Controls/ Personal Protection:

Eye protection: Use safety glasses

Hand protection: Prefer use of hand gloves.

Respiratory protection: Prefer use of dust masks.

9: Physical and Chemical Properties:

Physical state at 25°C: White powder

Odour: Odourless to light acid

Density (kg/dm³): unknown

pH: see technical specification

Boiling point: n/a

Melting point: +/- 149°C

Flash point: unknown

10: Stability and Reactivity:

The product is stable.

Possible danger to dust explosion.

During burning, CO and CO₂ can develop.

11: Toxicological Information:

Acute toxicity: Oral (rat) LD₅₀ > 18 g/kg

Chronic toxicity: unknown

12: Ecological Information:

Biodegradable

COD: +/- 1140 mg O₂/g dm

BOD: +/- 200 mg O₂/g dm

**13: Disposal Considerations:**

Local regulation

14: Transport Information:

Not applicable

15: Regulatory Information:

Not applicable

16: Other Information:

The information contained herein is to the best of our knowledge, but since the circumstances and conditions in which it may be used are beyond our control, we do not accept any liability whatsoever, however arising, which results directly or indirectly from the use of the product.