



Specification

Product Name: Gum Arabic Powder

Product Code: SPEC0033

Description:

Our Gum Arabic Powder (also known as Acacia Powder) is an off-white premium quality refined powder. It is a natural product made from the sap of two types of wild Acacia trees and is a high source of fibre. It is used as a stabiliser, to increase the viscosity of liquids, to inhibit crystallisation of sugar and in cake baking. Its strong adhesive properties make it excellent for coating foods. When used in cake baking it will help the sponge rise and add natural fibre to the mixture. It can be used to add a sheen to products such as marzipan and icing (the more layers you use the higher the gloss will become, but make sure each layer dries before applying the next). It is a staple ingredient for making fruit syrups, marshmallows, edible glitter and chewy soft candies.

Specifications:

Characteristics	Specification	Test Method
Loss on drying (%)	<10	Branwell Method 11.1
Total Ash (%)	≤4.0	Branwell Method 12.1
Acid insoluble Ash (%)	≤0.5	Branwell Method 12.2
Viscosity (25% w/w) (cps)	≥60	Branwell Method 10.23
Acid Insoluble Matter (%)	≤0.1	Branwell Method 13.1
pH (25% w/w)	4.0 – 5.0	Branwell Method 11.2
Starch or Dextrin	Complies with tests	EU No. 231/2012 test for E414
Tannin	Complies with tests	EU No. 231/2012 test for E414

Test Organism	Specification (cfu)	Method
TVC/g	<1000	ISO 4833
Yeast & Mould/g	<100	ISO 21527-1
Salmonella/25g	Not detected	ISO 6579
E.coli/10g	Not detected	ISO 16649-2

Ingredients:

Acacia Powder E414

Dietary Information:

Suitable for Vegans, and Vegetarians, Non-GMO, Gluten Free.

Nutritional Information:

Based on typical content/100g: Energy: 836kj/200kcal, Fat: 0.0g, Carbohydrates: 0.0g, Of which sugars: 0g, Protein: 2.0g, Salt: 1.2g, Fibre: 90g. (Salt content is due to naturally occurring sodium).

Storage:

www.specialingredients.co.uk



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

Packaging:

Size	EAN
100g	5056191001048
250g	5056191001055
500g	5056191001062
5kg	5056191008832
10kg	5056191008849

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

Material Safety Data Sheet**1: Substance/Preparation and Company Identification:****1.1 – Product Identifier**

Product Name: Gum Arabic Powder

EINECS-No.: 232-519-5

CAS-No.: 9000-01-5

Synonyms: Gum Acacia

1.2 – Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture: A recognised food grade material.

1.3 – 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

www.specialingredients.co.uk

2: Hazard Identification:**2.1 – Classification of the substance or mixture**

Classification under CLP: This product has no classification under CLP.

2.2 – Label elements

Label elements: This product has no label elements.

2.3 – Other hazards

Other hazards: May cause sensitisation by inhalation.

PBT: This product is not identified as a PBT/vPvB substance.

3: Composition and Information on Ingredients:**3.1 – Substances**

CAS number: 9000-01-5

EINECS number: 232-519-5

4: First Aid Measures:**4.1 – Description of first aid measures**

Skin contact: Wash contaminated area with soap and water.

Eye contact: Wash out thoroughly with water until irritation ceases. Seek medical advice if irritation persists.

Ingestion: Wash out mouth with water. Do not induce vomiting.

Inhalation: Remove victim to fresh air. If breathing is difficult, give oxygen and seek medical assistance.

4.2 – Most important symptoms and effects, both acute and delayed

Skin contact: No symptoms.

Eye contact: There may be irritation and redness.

Ingestion: Not considered a hazard if ingested.

Inhalation: Exposure to dust at high concentrations may cause irritation of nose, throat and respiratory tract.

4.3 – Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Not applicable.

5: Firefighting Measures:**5.1 – Extinguishing media**

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used.

5.2 – Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3 – Advice for firefighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6: Accidental Release Measures:

6.1 – Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details.

6.2 – Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

6.3 – Methods and material for containment and cleaning up

Clean-up procedures: Sweep up spillages of the dry material. Material could become slippery on contact with warm water.

6.4 – Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

7: Handling And Storage:**7.1 – Precautions for safe handling**

Handling requirements: Avoid the formation or spread of dust in the air.

7.2 – Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area.

7.3 – Specific end use(s)

Specific end use(s): No data available.

8: Exposure Controls/ Personal Protection:**8.1 – Control parameters**

Workplace exposure limits: No data available.

DNEL/PNEC Values: No data available.

8.2 – Exposure Controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Respiratory protective device with particle filter.

Hand protection: Protective gloves.

Eye protection: Safety goggles.

Skin protection: Protective clothing with elasticated cuffs and closed neck.

9: Physical and Chemical Properties:**9.1 – Information on basic physical and chemical properties**

State: Powder

Colour: Off-white

Odour: Odourless

9.2 – Other information

Other information: No data available.

10: Stability and Reactivity:**10.1 – Reactivity**

Reactivity: Stable under recommended transport or storage conditions.

10.2 – Chemical stability

Chemical stability: Stable under normal conditions.

10.3 – Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4 – Conditions to avoid

Conditions to avoid: Heat.

10.5 – Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6 – Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

11: Toxicological Information:

11.1 – Information on toxicological effects

Toxicity values: No data available.

Symptoms / routes of exposure

Skin contact: No symptoms.

Eye contact: There may be irritation and redness.

Ingestion: Not considered a hazard if ingested.

Inhalation: Exposure to dust at high concentrations may cause irritation of nose, throat and respiratory tract.

12: Ecological Considerations:

12.1 – Toxicity

Ecotoxicity values: No data available.

12.2 – Persistence and degradability

Persistence and degradability: Biodegradable.

12.3 – Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4 – Mobility in soil

12.5 – Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6 – Other adverse effects

Other adverse effects: Negligible ecotoxicity.

13: Disposal considerations:

13.1 – Waste treatment methods

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14: Transport Information:

Transport class: This product does not require a classification for transport.

15: Regulatory Information:**15.1 – Safety, health and environmental regulations/legislation specific for the substance or mixture**

Specific regulations: Not applicable.

15.2 – Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

16: 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.