



Specification

Product Name: Ice Cream Stabiliser

Product Code: SPEC0034

Description:

Our Ice Cream Stabiliser has been specially developed to stabilise and improve ice cream and milk ice. It can be used in all kinds of preparation with a fat content between 4 – 14 %.

Specifications:

Analytica and Bacteriological Specification	
Ash (annual test)	Inf. to 3%
Loss on drying (annual test)	Less than 5%
Total Plate Count	<5.000 ufc/g
Yeast and Moulds	<500 ufc/g
E.coli	Absent in 5g
Salmonella	Absent in 25g
Heavy Metals (as Pb) (annual test)	With parameters for raw materials complying with ECC/FCC/WHO/FAO

Ingredients:

Locust Bean Gum (E410), Fatty Acids (E471), Guar Gum (E412), Sodium Alginate (E401), Agar Agar (E406)

Dietary Information:

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

Nutritional Information:

Based on typical content/100g: Energy: 2351kj/562kcal, Fat: 59.66g, Of which saturates: 26.1g, Carbohydrates: 4.95g, Of which sugars: 0.0g, Protein: 1.26g, Salt: 0.0g, Fibre: 30.38g.

Storage:

Dark, dry and cool conditions.

Packaging:

Size	EAN
100g	5060341113352
250g	5060341113369
500g	5060341113376
5kg	5056191004872
10kg	5056191004889

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Shelf Life:

48 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

Customs number: 13023900

Molecular Weight: Not applicable.

Chemical Formula: Not applicable.

Product codes

- Locust Bean Gum (E 410)
- Mono and diglycerides of fatty acids (E 471)
- Guar gum (E 412)
- Sodium Alginate (13401)
- Agar Agar (E406)

1.2 – 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: Composition and Information on Ingredients:

Ingredient	Hazardous
Mono and diglycerides of fatty acids, E471	No
Guar Gum, E412	No
Locust Bean Gum, E410	No
Sodium Alginate (E401)	No
Agar Agar (E406)	No

3: Hazard Identification:**General Overview**

As part of good industrial and personal hygiene and safety procedure, avoid all unnecessary exposure to the chemical substance and ensure prompt removal from skin, eyes and clothing.

Health Rating: 0 – None

Flammability Rating: 1 – Slight

Reactivity Rating: 0 – None

Contact Rating: 0 – None

Lab Protective Equipment: Goggles, Lab Coat

Storage: General Storage

General Overview

Inhalation: In large amount may be disturbing.

Ingestion: In large amount may product diarrhoea or tummy ache.

Skin Contact: None identified.

Eye Contact: None identified.

Chronic Exposure: None identified.

Aggravation of Pre-existing Conditions: None identified.

4: First Aid Measures:

Inhalation: If person breathes in large amounts, move the exposed person to fresh air.

Ingestion: If large amounts were swallowed, get medical advice.

Skin contact: In case of contact, wash skin with water.

Eye contact: In case of eye contact, immediately flush water.

5: Firefighting Measures:

Fire: Not expected to be a fire hazard.

Explosion: None identified.

Fire Extinguishing Media: Use the extinguishing media appropriate for surrounding fire.

Special Information: Fire-fighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece operated in positive pressure mode.

6: Accidental Release Measures:

Wear suitable protective clothing. Carefully sweep up and remove.

7: Handling And Storage:

Keep container tightly closed. Suitable for any general storage area.

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8: Exposure Controls/ Personal Protection:

Airborne Exposure Limits: None established.

Ventilation System: Not expected to require any special ventilation.

Skin Protection: None required.

Eye Protection: Use safety goggles and/or full-face shield where dusting or splashing of solutions is possible.

9: Physical and Chemical Properties:

Appearance: White to light yellow crystalline powder.

Odour: Odourless.

10: Stability and Reactivity:**Stability:**

Shelf life is 36 months in small, sealed packaging.

Hazardous Combustion Products: Carbon monoxide, carbon dioxide.

Incompatibilities: Strong oxidizing agents.

Conditions to avoid: Moisture

11: Toxicological Information:

None available.

12: Ecological Considerations:

None identified.

13: Disposal considerations:

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility.

14: Transport Information:

Not regulated.

15: Regulatory Information:

According to Commission Regulation (EU) No 231/2012 of 9 March 2012.

16: Other Information:

Abbreviations and acronyms:

IMDG: International maritime dangerous goods code IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

COD: Chemical Oxygen Demand BOD5: 5-day biochemical oxygen demand

BCE: Bioconcentration factor

LD50: Lethal Dose 50

CL5(): Lethal Concentration 50

EC50: Effective concentration 50

Log-POW: Octanol-water partition coefficient

Koc: Partition coefficient of organic carbon

IARC: International Agency for Research on Cancer

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