

Safety Data Sheet

In accordance with REACH Regulation EC No.1907/2006

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: Xanthan Gum
CAS number: 11138-66-2
EINECS number: 234-394-2
Synonyms: -
INCI name: Xanthan Gum

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

Use of substance/mixture: Food additive (thickening agent).

1.3. Details of the supplier of the safety data sheet

Company name: Bath and Body Base Ltd
2A Laurel Way
Bishop Auckland
Co. Durham
DL14 7NF
Tel: 07493 064263
Email: technical@bathandbodybase.com

1.4. Emergency telephone number

Emergency tel: 07493 064263

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification of the substance/the preparation: Not applicable.
Characterization acc. to regulation (EG) no. 1272/2008: Not applicable.
Special hazards information for humans and environment: Not applicable.

Section 3: Composition/information on ingredients

3.1. Chemical characterization

Description: White to cream coloured powder
CAS No.: 11138-66-2
EINECS (EC number): 234-394-2
Commodity code: 3913 9000 40

Additional information: Not applicable.

Section 4: First aid measures

4.1. Description of first aid measures

General advice:	Remove contaminated clothing immediately. Consult a doctor by experience of health complaints.
Skin contact:	Wash with water, rinse thoroughly.
Eye contact:	Remove contact lenses. Rinse open eyes with plenty of water immediately for at least 15 minutes.
Ingestion:	Wash out your mouth immediately and drink plenty of water. Avoid vomiting.
Inhalation:	Supply fresh air. Consult a doctor by irritation of the respiratory tract.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media:	Water, dry chemical, CO2 or alcohol foam.
Unsuitable extinguishing media:	Water jet.

5.2. Special hazards arising from the substance or mixture

Exposure hazards:	Flammable
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5.3. Advice for fire-fighters

Advice for fire-fighters:	This material as normally packaged and handled can contain sufficient fines to form an explosive mixture if dispersed in a sufficient quantity of air. Surfaces that may be covered with this product will become extremely slippery upon application of water.
Special protective equipment:	Fire fighters and others exposed to products of combustion should wear self-contained breathing apparatus. Equipment should be thoroughly de-contaminated after use.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions:	Wear protective equipment. Remove unprotected persons to safety. In case of spill, do not blow material. Use vacuum equipment designed specifically for handling combustible dusts.
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6.2. Environmental precautions

Environmental precautions:	Do not discharge into the drains or bodies of water.
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6.3. Methods and material for containment and cleaning up

Clean-up procedures: The use of water wash down is not recommended unless the spilled material is already wet. Wet material on a walking surface will be extremely slippery. Wet spills should be thoroughly flushed with water until non-slippery.

6.4. Reference to other sections

Reference to other sections: Refer to Section 8 and 13.

Section 7: Handling and storage**7.1. Precautions for safe handling**

Handling requirements: Keep away from heat and direct sunlight. Storage in closed containers at cool and dry conditions, at a well-ventilated place.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Keep away from heat and direct sunlight. Storage in closed containers at cool and dry conditions, at a well-ventilated place. Do not storage together with oxidants.

Advice on protection against fire and explosion: Take measures against electrostatic charge. Avoid dust expansion. Product can build flammable mixtures or burn over the flash point.

Requirements for storage rooms and vessels: Keep away from heat and direct sunlight. Storage in closed containers at cool and dry conditions, at a well-ventilated place.

Recommended storage temperature: 15 - 25°C

Fire class: B

Storage class: 11 (flammable substances)

Section 8: Exposure controls/personal protection**8.1. Control parameters**

Additional information about design and technical systems: No further details, according to Section 7.

8.2. Exposure controls

General protective and hygienic measures: The usual precautions by handling with chemicals are to be followed. Avoid contact with eyes and skin. Wash hands during breaks and at the end of the work.

Respiratory protection: Avoid breathing dust. Use approved respiratory protection equipment when airborne exposure limits are exceeded. Consult the respirator manufacturer to determine appropriate type equipment for a given application.

Hand protection: Although this product does not present a significant skin concern, minimize skin contamination by following good industrial practice. Wearing protective gloves is recommended. Wash hands and contaminated skin thoroughly after handling. Material of gloves, rubber/PVC, penetration time of the glove material, all manufacturer's data of break-through time and special conditions at work is to be observed.

Eye protection: Safety glasses, additionally use face shield by splashing danger.
Skin protection: Protective work clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State of aggregation: Solid
Colour: White – cream powder
Odour: Characteristic
Vapor pressure: Not applicable.
Drop point: Not applicable.
Density at 20°C: Not applicable.
Bulk density: 550 - 850kg/m³
Melting point: Not applicable.
Boiling point: Not applicable.
Flashpoint: >200°C
Ignition temperature: Not applicable.
Danger of explosion: Not applicable.
Solubility in water at 20°C: Soluble
pH-value at 20°C: 5.0 – 8.0
Viscosity: 600cps - 1.600cps

Section 10: Stability and reactivity

10.1. Possibility of hazardous reactions

Hazardous reactions: No dangerous reactions known.

10.2. Conditions to avoid

Conditions to avoid: Product is stable under normal conditions of storage and handling. Store in a cool, dry place to maintain product perform.

10.3. Incompatible materials

Materials to avoid: Strong oxidizers.

10.4. Hazardous decomposition product

Haz. decomp. products: Thermal decomposition products may include carbon dioxide and carbon monoxide.

Section 11: Toxicological information**11.1. Information on toxicological effects**

Information: The dry powder may cause foreign body irritation in some individuals. Prolonged contact with the dry powder may cause drying or chapping of the skin. Excessive inhalation of dust may be annoying and can mechanically impede respiration.

Section 12: Ecological information**12.1. Ecological information**

Behaviour in clarification plants: There are not disorders expected by proper treatment in biological clarification plants. Product can be separated mechanically. Separation can be done through absorption of clearing sludge.

General information: Do not allow uncontrolled leakage of product into the environment.

Section 13: Disposal considerations**13.1. Waste treatment methods**

Product: Product can be removed in accordance with local official regulations or local authorities. There are not harmonised regulations on the disposal of chemicals in the member states of the EU. In Germany, the recycling and Waste Management Act 8 KrW-/AbfG stipulates recycling as a requirement.

Packaging: To be disposed of adhering to the local authorities' regulations.

Section 14: Transport information

Transport/additional information: No hazardous material.

UN number or ID number: Not applicable.

UN proper shipping name: Not applicable.

Transport hazard class(es): Not applicable.

Packaging group: Not applicable.

Environmental hazards: Not applicable.

Special precautions for user: Not applicable.

Section 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Designation according to EC regulations: According to EC directives and our current state of knowledge the product is not subject to identification as hazardous materials.

Water pollution class: Generally, no water pollutant.

15.2. Chemical Safety Assessment

Chemical safety assessment: -

Section 16: Other information**16.1. Other information****Other information:**

* Indicates text in the SDS which has changed since the last revision.

Legal disclaimer:

This information is provided for documentation purposes only.

The complete range of conditions or methods of use are beyond our control therefore we do not assume any responsibility and expressly disclaim any liability for any use of this product.

Information contained herein is believed to be true and accurate however, all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.

Compliance with all appropriate local regulations remains the responsibility of the user.

This safety sheet cannot cover all possible situations which the user may experience during processing.

Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary.

All health and safety information contained in this document should be provided to your employees or customers.