

## 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:** Bentonite Clay  
**CAS number:** 1302-78-9  
**EINECS number:** 215-108-5  
**Synonyms:** Bentopharm B2  
**INCI name:** Bentonite

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

**Use of substance/mixture:** Agricultural, cosmetics, food/feedstuff additives, paper industry, pharmaceutical.  
**Function or use category:** Absorbents and adsorbents, fillers, viscosity adjusters.  
**Uses advised against:** There are no restricted uses.

#### 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 according to regulation (EC) No. 1272/2008 [CLP]:** Not classified.

#### 2.2. Label elements

**Labelling according to regulation (EC) No. 1272/2008 [CLP]:** No labelling applicable.

#### 2.3. Other hazards

**PBT:** PBT not relevant. No registration required.  
**vPvB:** vPvB not relevant. No registration required.

**Section 3: Composition/information on ingredients****3.1. Substances**

Name	EC No	CAS No	Content	Classification
Bentonite	215-108-5	1302-78-9	≥99.95 %	No classified

**Section 4: First aid measures****4.1. Description of first aid measures**

<b>Skin contact:</b>	Wash skin with plenty of water.
<b>Eye contact:</b>	Rinse eyes with water as a precaution.
<b>Ingestion:</b>	Call a physician or poison control centre. Call a poison centre or a doctor if you feel unwell.
<b>Inhalation:</b>	Remove person to fresh air and keep comfortable when breathing.

**4.2. Most important symptoms and effects, both acute and delayed**

<b>Skin contact:</b>	No additional information available.
<b>Eye contact:</b>	No additional information available.
<b>Ingestion:</b>	No additional information available.
<b>Inhalation:</b>	No additional information available.

**4.3. Indication of any immediate medical attention and special treatment needed**

<b>Immediate/special treatment:</b>	Treat symptomatically.
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**Section 5: Fire-fighting measures****5.1. Extinguishing media**

<b>Suitable extinguishing media:</b>	Water spray, dry powder, foam.
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**5.2. Special hazards arising from the substance or mixture**

<b>Hazardous decomposition products in case of fire:</b>	No hazardous thermal decomposition products.
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**5.3. Advice for fire-fighters**

<b>Advice for fire-fighters:</b>	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
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## Section 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel:**

Ventilate spillage area.

**For emergency responders:**

Do not attempt to take action without suitable protective equipment. For further information refer to Section 8 'Exposure controls/personal protection'.

### 6.2. Environmental precautions

**Environmental precautions:**

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

**Clean-up procedures:**

Mechanically recover the product.

**Other information:**

Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

**Reference to other sections:**

For further information refer to Section 13.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

Ensure good ventilation of the workstation. Wear personal protective equipment.

**Hygiene measures:**

Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage area:**

Store in a well-ventilated place. Keep cool.

### 7.3. Specific end use(s)

**Specific end use(s):**

No additional information available.

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Exposure limit values:**

No additional information available.

### 8.2. Exposure controls

**Personal protective equipment:**



<b>Appropriate engineering controls:</b>	Ensure good ventilation of the workstation.
<b>Respiratory protection:</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Hand protection:</b>	Protective gloves: disposable gloves, reusable gloves (Polyvinylchloride – PVC).
<b>Eye protection:</b>	Safety glasses.
<b>Skin protection:</b>	Wear suitable protective clothing.
<b>Environmental:</b>	Avoid release to the environment.

## Section 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>Physical state:</b>	Solid
<b>Appearance:</b>	Micronised powder
<b>Colour:</b>	Light grey, light green
<b>Odour:</b>	Odourless
<b>Odour threshold:</b>	Not available
<b>Freezing point:</b>	Not applicable
<b>Flammability:</b>	Non flammable
<b>Boiling point (°C):</b>	Not applicable
<b>Melting point (°C):</b>	>450°C EU Method A.1
<b>Explosive limits:</b>	Not applicable
<b>Lower explosion limit:</b>	Not applicable
<b>Upper explosion limit:</b>	Not applicable
<b>Flashpoint:</b>	Not applicable
<b>Auto-ignition temperature:</b>	Not applicable
<b>Decomposition temperature:</b>	Not available
<b>pH:</b>	Not available
<b>pH solution:</b>	Not available
<b>Viscosity, kinematic:</b>	Not applicable
<b>Solubility:</b>	Not available
<b>Partition coefficient n-octanol/water (Log Kow):</b>	Not available
<b>Vapour pressure:</b>	Not available
<b>Vapour pressure at 50°C:</b>	Not available
<b>Density:</b>	1-1.4g/cm <sup>2</sup> measured as bulk density
<b>Relative density:</b>	2.6 at 20°C
<b>Relative vapour density at 20°C:</b>	Not applicable
<b>Particle size:</b>	Not available

**9.2. Other information**

**Other information:** No additional information available.

**Section 10: Stability and reactivity****10.1. Reactivity**

**Reactivity:** This product is non-reactive under normal conditions of use, storage and transport.

**10.2. Chemical stability**

**Chemical stability:** Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

**Hazardous reactions:** No dangerous reactions known under normal conditions of use.

**10.4. Conditions to avoid**

**Conditions to avoid:** None under recommended storage and handling conditions (see Section 7).

**10.5. Incompatible materials**

**Materials to avoid:** No additional information available.

**10.6. Hazardous decomposition product**

**Haz. decomp. products:** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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

**Acute toxicity (oral):** Not classified.

**Acute toxicity (dermal):** Data not available (Bentonite is almost insoluble and has a low absorption through the skin).

**Acute toxicity (inhalation):** Not classified.

**Additional information:** Classification is not warranted.

**LD50 oral rat:** >2000mg/kg (wt/wt) (OECD 420, rat)

**LC50 inhalation rat:** >5.27mg/l (OECD 436, rat)

**Serious eye damage/irritation:** Slightly irritant but not relevant for classification (conclusive but not sufficient for classification) - based on available data, the classification criteria are not met.

**Skin corrosion/irritation:** Not classified.

**Respiratory or skin sensitisation:** Not classified (conclusive but not sufficient for classification) - based on available data, the classification criteria are not met.

**Germ cell mutagenicity:** Not classified (based on available data, the classification criteria are not met).

<b>Carcinogenicity:</b>	Not classified (inconclusive data) – based on available data, the classification criteria are not met.
<b>IARC group:</b>	3 – Not classifiable.
<b>STOT single exposure:</b>	Not classified (based on available data, the classification criteria are not met).
<b>STOT repeated exposure:</b>	Not classified (based on available data, the classification criteria are not met).
<b>Reproductive toxicity:</b>	Not classified (based on available data, the classification criteria are not met).
<b>Aspiration hazard:</b>	Not classified (based on available data, the classification criteria are not met).
<b>Viscosity, kinematic:</b>	Not applicable.

## 11.2. Endocrine disrupting properties

<b>Adverse health effects caused by endocrine disrupting properties:</b>	The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
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## Section 12: Ecological information

### 12.1. Toxicity

<b>Ecology general:</b>	The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
<b>Hazardous to the aquatic environment short-term (acute):</b>	Not classified.
<b>Hazardous to the aquatic environment long-term (chronic):</b>	Not classified.
<b>Not rapidly degradable</b>	
<b>LC50 - Fish [1]:</b>	16000mg/l fresh water fish (rainbow trout)
<b>EC50 - Other aquatic organisms [1]:</b>	81.6mg/l fresh water invertebrates (Dungeness crab)
<b>EC50 - Other aquatic organisms [2]:</b>	24.8mg/l fresh water invertebrates (dock shrimp)
<b>EC50 72h - Algae [1]:</b>	>100mg/l fresh water Algae

### 12.2. Persistence and degradability

<b>Persistence and degradability:</b>	No additional information available.
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### 12.3. Bioaccumulative potential

<b>Bioaccumulative potential:</b>	No bioaccumulation data available.
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### 12.4. Mobility in soil

<b>Mobility:</b>	No additional information available.
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**12.5. Results of PBT and vPvB assessment**

**Results:** PBT: not relevant – no registration required.  
vPvB: not relevant – no registration required.

**12.6. Other adverse effects**

**Other adverse effects:** No additional information available.

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

**Product:** Dispose of contents/container in accordance with licensed collector's sorting instructions.

**Section 14: Transport information**

**UN number or ID number:** Road: not regulated.  
Sea: not regulated.  
Air: not regulated.

**UN proper shipping name:** Not regulated.

**Transport hazard class(es):** Not regulated.

**Packaging group:** ADR/RID/ADN Packing group: not regulated.  
IMDG Packing group: not regulated.  
ICAO Packing group: not regulated.

**Environmental hazards:** Not regulated.

**Special precautions for user:** Not regulated.

**Transport in bulk according to Annex II of Marpol and the IBC Code:** Not applicable.

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

**REACH Annex XVII (Restriction List):** Not listed on REACH Annex XVII.

**REACH Annex XIV (Authorisation List):** Not listed on REACH Annex XIV (Authorisation List).

**REACH Candidate List (SVHC):** Not listed on the REACH Candidate List.

**PIC Regulation (Prior Informed Consent):** Not listed on the PIC list (Regulation EU 649/2012).

**POP Regulation (Persistent Organic Pollutants):** Not listed on the POP list (Regulation EU 2019/1021).

**Ozone Regulation (1005/2009):** Not listed on the Ozone Depletion list (Regulation EU 1005/2009).

**Explosives Precursors Regulation (2019/1148):** Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors).

<b>Drug Precursors Regulation (273/2004):</b>	Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances).
<b>National Regulations:</b>	
<b>Germany</b>	
<b>Employment restrictions:</b>	Observe restrictions according Act on the Protection of Working Mothers (MuSchG). Observe restrictions according Act on the Protection of Young People in Employment (JArbSchG).
<b>Water hazard class (WGK):</b>	Not classified according to Regulation Governing Systems for Handling Substances. Hazardous to Waters (AwSV).
<b>Hazardous Incident Ordinance (12.BImSchV):</b>	Is not subject of the Hazardous Incident Ordinance (12. BImSchV).
<b>Netherlands</b>	
<b>SZW-lijst van kankerverwekkende stoffen:</b>	The substance is not listed.
<b>SZW-lijst van mutagene stoffen:</b>	The substance is not listed.
<b>SZW-lijst van reprotoxische stoffen – Borstvoeding:</b>	The substance is not listed.
<b>SZW-lijst van reprotoxische stoffen – Vruchtbaarheid:</b>	The substance is not listed.
<b>SZW-lijst van reprotoxische stoffen – Ontwikkeling:</b>	The substance is not listed.

## 15.2. Chemical Safety Assessment

**Chemical safety assessment:** No chemical safety assessment has been carried out.

## Section 16: Other information

### 16.1. Other information

<b>Other information:</b>	* Indicates text in the SDS which has changed since the last revision.
<b>Legal disclaimer:</b>	<p>This information is provided for documentation purposes only.</p> <p>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.</p> <p>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.</p> <p>Compliance with all appropriate local regulations remains the responsibility of the user.</p> <p>This safety sheet cannot cover all possible situations which the user may experience during processing.</p> <p>Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary.</p> <p>All health and safety information contained in this document should be provided to your employees or customers.</p>