Bay House INGREDIENTS



# SAFETY DATA SHEET

EC Regulation No.1907/2006 (REACH) & 1272/2008 (CLP)

**THIS PRODUCT IS FOR EXTERNAL USE ONLY- DO NOT INGEST**

## 1. IDENTIFICATION OF SUBSTANCE/MIXTURE AND OF THE COMPANY

**Product identifier**

**Commercial Name:** BENTONITE CLAY POWDER
**INCI Name:** BENTONITE
**CAS No:** 1302-78-9
**EINECS No:** 215-108-5
**TSCA CAS No:**
**FEMA:**
**Ph. Eur. Name:**
**Botanical Name:**
**Origin:** AMERICA

**Relevant identified uses of the substance or mixture and uses advised against**

**Identified use (s):** Absorbent, Abrasive, Bulking, opacifying raw material for manufacturing purposes.

**Details of the supplier of the safety data sheet**

**Company Name:** BAY HOUSE INGREDIENTS
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## 2. HAZARDS IDENTIFICATION

**Classification of the substance or mixture**

**GHS Classification according to Regulation (EC) No. 1272/2008 (CLP)**
**EU DSD Classification according to Directive 67/548/EEC (Hazardous substances) and its adaptations.**

**Classified as NON-HAZARDOUS according to criteria of EC GHS and EU DSD**

## 3. COMPOSITION/INFORMATION ON CONSTITUENTS

**Nature Of Product:** BENTONITE CLAY POWDER -

Bentonite. A colloidal clay. Consists primarily of montmorillonite (CI 77004)
A natural hydrated aluminosilicate mineral with typical empirical formula:
(Al, Fe0.67 Mg0.33) Si4O10(OH)2(Ca, Na)0.33

| CONSTITUENT | CAS NUMBER | EC NUMBER | <= % | RELEVANT GHS |
|---|---|---|---|---|
| Bentonite | 1302-78-9 | 215-108-5 | 98 - 100 | Not Classified |
| Silicon Dioxide | 7631-869-9 | 231-545-4 | <2% | Not Classified |

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## 4. FIRST AID MEASURES

**Ingestion:** Do not induce vomiting, give a glass of water. If unwell seek medical attention and show this information.

**Inhalation:** Remove casualty to fresh air, keep respiratory passages clear and seek medical attention.

**Eye contact:** Irrigate with sterile water or saline for at least 15 minutes. Seek medical attention if irritation persists or tissue damage is apparent.

**Skin contact:** Remove contaminated clothing wash thoroughly with soap and water and rinse. May causes irritation after prolonged contact, if so seek medical advice.

## 5. FIRE-FIGHTING MEASURES

**Extinguisher:** Use CO2, Foam or Powder extinguishers only.
DO NOT USE WATER JETS.

**Smoke/Fumes:** Avoid inhalation of smoke or fumes, may produce CO (carbon monoxide) and CO2 (carbon dioxide).

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Safety Precautions:** Wear precautionary safety gloves and glasses & FFPI Dust mask. (Consult sections 7 & 8 for additional information)

**Environmental Safety Precautions:** Eliminate all sources of ignition.
Prevent any material entering drains or waterways

Absorb spills into an inert absorbent material (e.g. proprietary oil drying granules or sand NOT sawdust or other flammable materials.) Wash area clean with water and detergent.Transfer all waste to an approved waste disposal container, observing national legislation.

## 7. HANDLING AND STORAGE

**Handling Precautions:** Use in a well ventilated area. Prevent creation of dust cloud, use protective dust mask. Observe good housekeeping procedures when handling the product. Do not eat, drink or smoke. Use Local Exhaust Ventilation (LEV) to minimise worker exposure. Use protective clothing when necessary.

**Storage Precautions:** Product is stable at room temperature.
Keep away from sources of ignition.
Store in tightly sealed containers, in a cool dry place away from direct sunlight.
Prevent access by unauthorised personnel.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Respiratory Protection:** Ensure adequate ventilation.
If ventilation is insufficient use approved respirators.



**Skin/Hand Protection:** Wear personal protective equipment.
Use chemical resistant safety gloves.
Polyvinyl alcohol or nitrile rubber gloves are recommended.



**Eye/Face Protection:** Wear safety glasses/visors. Ensure eye washes are available.



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## 9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|---|
| **Appearance:** | Grey coloured powder |
| **Odour:** | Neutral odour |
| **Bulk Density:** | Approx. 850 Kg/m3 |
| **pH:** | 9.0 - 10.0 |

## 10. STABILITY AND REACTIVITY

**Thermal stability:** Product is stable at room temperature.
Keep away from any source of ignition.
Decomposition may release carbon dioxide, carbon monoxide and other organic compound fumes.

**Hazardous reactions:** Avoid strong oxidisers, acids and alkalis.

## 11. TOXICOLOGICAL INFORMATION

**Oral LD50:** N/A **This product is NOT intended for oral use.**

**Dermal LD50:** N/A

LD50 dosage levels are only a guideline obtained from historical data, Bay House Ingredients does not test its products on animals.

## 12. ECOLOGICAL INFORMATION

**Ecological effects:** No data available
Care must be used to prevent the product contaminating rivers, waterways or drains. Should this happen alert the relevant authorities in accordance with statutory procedures

## 13. DISPOSAL CONSIDERATIONS

**Waste disposal:** Do not pour into drains or waterways.
Comply with local and national regulations for waste disposal.
Empty containers should be washed thoroughly with detergent before being sent for disposal. Washings should be disposed of as waste.

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## 14. TRANSPORT INFORMATION

Transport this product in compliance with and provision of, the ADR/RID for Road and Rail, IMDG for Sea and ICAO/IATA for Air transportation.

**UN Shipping Name (N.O.S.):** NON HAZARDOUS
**ADR/RID (Road/Rail):** Not restricted
**IMDG-CODE (Sea):** Not listed
**ICAO/IATA (Air):** Not regulated
**UN Number:**
**Packing Group:**
**Subsidiary Risk:**
**Packing Instructions:** Non-hazardous substance, transport in suitable container.

**Labelling according to ADR/RID, IMDG/IMO and ICAO/IATA:**

**UN Shipping Name:** NON HAZARDOUS

## 15. REGULATORY INFORMATION

**Product Classification:** BENTONITE CLAY POWDER

This product is labelled according to the criteria of Directive CLP 1272/2008/EC.

**Classification:** NON– HAZARDOUS

**Safety Precautions:** Do not eat, drink or smoke when using this product.
Wear protective gloves and wash hands thoroughly after handling.
Keep container tightly closed.
Avoid release to the environment.

## 16. ADDITIONAL INFORMATION

**Legal disclaimer:**

The information given on this material health and safety sheet is not a warranty as to the performance or suitability of the product. The information must be regarded only as a description of the health, safety and environmental requirements for that product. The information contained herein is true and accurate to the best of our knowledge and belief, but does not claim to be all inclusive. Bay House Ingredients is a Division of Aroma Trading Ltd, Registered No. 2698381, V.A.T. Registration No. 600 516 981 and as such, shall not be held liable for any damage resulting from handling or from contact with the product, since the conditions of use are out of our control. It is the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

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