

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

1.1 Product identifier

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

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

Identified use (s): Absorbent, neutraliser, colourant cosmetic ingredient

1.3 Details of the supplier of the safety data sheet

Company Name: AROMA TRADING LIMITED
Contact: JOHN BLACK
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2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS Classification according to Regulation (EC) No. 1272/2008 (CLP)

Physical and Chemical Hazards: Not classified.

Human health: Not classified.

Environment: Not classified.

This product does not meet the criteria for classification as hazardous as defined in the Regulation EC 1272/2008 and in Directive 67/548/EEC. Depending on the type of handling and use, airborne respirable crystalline silica may be generated.

Prolonged and/or massive inhalation of respirable crystalline silica dust (particles up to 10 microns in size) may cause lung fibrosis, commonly referred to as silicosis. Principal symptoms of silicosis are cough and breathlessness.

Occupational exposure to respirable crystalline silica dust should be monitored and controlled.

Hazard Class	Abbreviation	Hazard Category	Hazard Code	Hazard Statement

2.2 Label elements

Symbols: NONE

Signal word: NONE

UN Global Harmonised System Precautionary Statements (CLP)

	Prevention Statements
P280	Wear protective gloves/clothing, eye/face protection
P264	Wash hands thoroughly after handling
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment



	Response Statements
P303/361	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.
P302/352	IF ON SKIN: Wash with plenty of soap and water.
P301/310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P321/363	Protective clothing should be washed before reuse
P331	Do NOT induce vomiting.
P332/313	If skin irritation occurs: Get medical advice/attention
P362	Take off contaminated clothing and wash before reuse.
P353	Rinse skin with water/shower.
P305	IF IN EYES: Rinse cautiously with water for several minutes.
P351/338	Remove contact lenses if present and easy to do. Continue rinsing.
P337/313	If eye irritation persists: get medical advice/attention
P370/378	In case of fire: Use carbon dioxide, foam or dry powder for extinction.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P391	Collect spillage

	Storage and Disposal Statements
P403	Store in a well ventilated place.
P235	Keep cool
P501	Dispose of contents and container in accordance with international regulation

3. COMPOSITION/INFORMATION ON CONSTITUENTS

3.1 Nature Of Product

A natural hydrated aluminosilicate mineral with typical empirical formula:
 $(\text{Al}, \text{Fe}_{0.67}\text{Mg}_{0.33}) \text{Si}_4\text{O}_{10}(\text{OH})_2\text{Na}, \text{Ca}_{0.33}$

EINECS No: 215-108-5
FEMA

CAS No: 1302-78-9
FDA:

TSCA CAS No:
HC (%):

3.2 Constituents

[illegible]

4. FIRST AID MEASURES

4.1 Description of first aid measures

- Ingestion:** Do not induce vomiting, give a glass of water. Seek urgent medical attention and show this information.
- Inhalation:** Remove casualty to fresh air, keep respiratory passages clear and seek urgent medical attention.
- Eye contact:** Irrigate with sterile water or saline for at least 15 minutes. Seek urgent medical attention if irritation persists or tissue damage is apparent.
- Skin contact:** Remove contaminated clothing wash thoroughly with soap and water and rinse. If causes irritation after prolonged contact, if so seek medical advice.

5. FIRE-FIGHTING MEASURES

- 5.1 Extinguisher** Extinguishing media
The product is non-combustible. No specific extinguishing media is needed.
- 5.2 Special hazards** Specific hazards
This product is not combustible. There are no hazardous thermal decomposition products.).

6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal Safety Precautions** Avoid contact with skin and eyes. Wear safety gloves, clothing and glasses.
(Consult sections 7 & 8 for additional information)
- 6.2 Environmental Safety Precautions** No known adverse environmental effects.
- 6.3 Methods and materials for containment and cleaning up** Scoop up spillages and place in a container. Avoid creating airborne dusts. Wear appropriate respiratory protection, safety glasses and overalls as a precaution. When used to absorb a hazardous substance, handle as per that substance.

7. HANDLING AND STORAGE

7.1 Handling Precautions

Avoid airborne dust generation. Provide appropriate exhaust ventilation at places where airborne dust is generated. In case of insufficient ventilation, wear suitable respiratory protective equipment. Handle packaged products carefully to prevent accidental bursting. Do not to eat, drink and smoke in work areas; wash hands after use; remove contaminated clothing and protective equipment before entering eating areas.

7.2 Storage Precautions

Store in a dry, covered area. Minimize airborne dust generation and prevent wind dispersal during loading and unloading. Keep containers closed and store packaged products so as to prevent accidental bursting.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

- Ingredient comments:** Workplace Exposure Limits: Respirable Dust = 4 mg/m³;
Total Inhalable Dust = 10mg/m³ Quartz: Workplace Exposure Limit = 0.1 mg/m³

8.2 Exposure controls

- 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.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance:	Powder
Colour:	Grey to beige colour
Odour:	No odour
Odour threshold:	No information available
pH (at 25°C):	8.5 – 10.5 (5.0% in aqueous suspension)
Melting point:	No information available
Initial boiling point and range:	No information available
Flash point:	Not flammable
Evaporation rate:	No information available
Evaporation factor:	No information available
Flammability (solid, gas):	No information available
Upper flammability or explosive limits:	No information available
Lower flammability or explosive limits:	No information available
Other flammability:	No information available
Vapour pressure:	No information available
Vapour density:	No information available
Relative density@ 20°C:	No information available
Bulk Density :	Approx 850Kg/m ³
Solubility(ies)@ 20°C :	<0.9 mg / litre at 20°C
Auto-ignition temperature:	No information available
Decomposition Temperature:	No information available
Viscosity:	No information available
Explosive properties:	No information available
Explosive under influence of a flame:	No information available
Oxidising properties:	No information available

9.2. Other information

Moisture Content:	<16%
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10. STABILITY AND REACTIVITY

<u>10.1. Reactivity</u>	There are no known reactivity hazards associated with this product.
<u>10.2. Chemical stability</u>	Stable at normal ambient temperatures and when used as recommended.
<u>10.3. Possibility of hazardous reactions</u>	Will not polymerise.
<u>10.4. Conditions to avoid</u>	Keep away from any source of ignition.
<u>10.5. Incompatible materials</u>	Materials To Avoid: None known.
<u>10.6. Hazardous decomposition products</u>	None under normal conditions.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Oral LD50: -

Dermal LD50: - LD50 dosage levels are only a guideline obtained from historical data, Aroma Trading Limited does not test its products on animals.

Skin corrosion/irritation: Product not a primary skin irritant

Serious eye damage/irritation: May produce eye irritation

Respiratory sensitisation: Possible mild irritation, due to drying and abrasive action of dust

Skin sensitisation: Mild irritation possible due to abrasive action of dust

Germ cell mutagenicity: No information available

Carcinogenicity: No information available

11.2 Information on other hazards

Endocrine disrupting properties : No information available

12. ECOLOGICAL INFORMATION

12.1 Toxicity

This product is classified as environmentally non-hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12.2 Persistence and degradability No information available

12.3 Bioaccumulative potential No information available

1.4 Mobility in soil No information available

12.5 Results of PBT and vPvB assessment No information available

12.6 Endocrine disrupting properties No information available

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

This mineral can be disposed of as a non-toxic/inactive material in approved landfill sites in accordance with local regulations.

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.

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

Classification: NON HAZARDOUS

Hazard Categories:

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.

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