

AKÖMA™

FROM THE HEART

MATERIAL SAFETY DATA SHEET

1 - Identification of Product and Supplier

Product Name: **Red Clay (Montmorillonite)**
Supplier: **Akoma International (UK) LTD**
Unit 9A Sawley Park
Nottingham Road
Derby
DE21 6AS
Tel: +44 (0) 1332 613 967
Emergency Contact: Mr. Wynn Mensah – Tel: 01332 613 967

2 - Hazards identification:

2.1. Classification of the substance or mixture

Classification

Comment This product does not meet the criteria for classification in any hazard class according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.

Physical hazards Not Classified
Health hazards Not Classified
Environmental hazards Not Classified

2.2. Label elements

EC number 215-288-5
Hazard statements NC Not Classified

2.3. Other hazards

3 - Composition and information on ingredients:

Product name: RED CLAY (MONTMORILLONITE)
CAS number 1318-93-0
EC number 215-288-5

4 - First aid measures:

4.1. Description of first aid measures

General information	No specific recommendations.
Inhalation	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
Ingestion	Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
Skin contact	Wash skin thoroughly with soap and water.
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

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

Notes for the doctor	No specific recommendations.
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5 - Fire - Fighting measures:

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with the following media: Foam, carbon dioxide or dry powder.
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5.2. Special hazards arising from the substance or mixture

Hazardous combustion Products	Oxides of carbon.
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5.3. Advice for firefighters

Protective actions during Firefighting	Containers close to fire should be removed or cooled with water.
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Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.
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6 - Accidental release measures:

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate.
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6.2. Environmental precautions

Environmental precautions	No negative effects on the aquatic environment are known.
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6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Avoid generation and spreading of dust. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Flush contaminated area with plenty of water.
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References to other Sections: Please refer to *Section 8 - Exposure controls/personal protection* for further information on personal precautions
Please refer to *Section 13 - Disposal Considerations* for further information on waste treatment.

7 - Handling and storage:

7.1. Precautions for safe handling

Usage precautions Handle all packages and containers carefully to minimize spills.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. Protect from freezing and direct sunlight.

7.3. Specific end use(s) N/A

8 - Exposure controls and personal protection:

8.1. Control parameters

8.2. Exposure controls

Protective equipment



Eye/face protection

Wear eye protection.

Hand protection

Wear protective gloves.

Other skin and body Protection

Wear appropriate clothing to prevent any possibility of skin contact. Wear apron or protective clothing in case of contact.

Hygiene measures

No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

Respiratory protection

No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

9 - Physical data and chemical properties:

Appearance Powder.
Colour Red.
Odour Odourless.

10 - Stability and Reactivity:

Reactivity: NA
Chemical Stability: Stable at normal ambient temperatures.
Possibility of hazardous reactions: Will not polymerise.
Conditions to avoid: Avoid heat, flames and other sources of ignition.

Incompatible materials Strong oxidising agents. Strong acids. Strong alkalis.
Hazardous decomposition products Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Oxides of nitrogen.

11 - Toxicological information:

General information No specific health hazards known.
Inhalation Dust in high concentrations may irritate the respiratory system.
Ingestion May cause discomfort if swallowed.
Skin contact Powder may irritate skin.
Eye contact Particles in the eyes may cause irritation and smarting.
Acute and chronic health hazards No specific health hazards known.
Medical symptoms No specific symptoms noted, but this chemical may still have adverse health impact, either in general or on certain individuals.
Medical considerations May cause allergic contact eczema. Prolonged or repeated exposure may cause the following adverse effects: Allergic rash. Get medical attention.

12 - Ecological information:

Ecotoxicity No negative effects on the aquatic environment are known.
Persistence and degradability The product is expected to be biodegradable.
Bio-accumulative potential The product does not contain any substances expected to be bioaccumulating.
Mobility in soil The product is insoluble in water.
Results of PBT and VPVB assessment This product does not contain any substances classified as PBT or vPvB.
Other adverse effects: NA

13 - Disposal considerations:

General information Waste is suitable for incineration.
Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

14 - Transport information:

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).
UN number Not applicable.
UN proper shipping name Not applicable.
Transport hazard class(es) No transport warning sign required.
Packing group Not applicable.
Environmental hazards No Environmentally hazardous substance/marine pollutant
Special precautions for user Not applicable.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable

15 - Regulatory information:

Safety, health and environmental regulations/legislation specific for the substance or mixture

EU Directives	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18th Dec 2006 Concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 199/45/EC and repealing Council Regulation Council Regulation (EEC) No793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, and 93/105/EEC and 2000/21/EC including amendments.
Statutory Instruments	The Chemicals (Hazard Information and Packaging for Supply Regulations 2009 (S.I. 2009 No 716).
Approved Code of Practice	Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations
Guidance Notes	Workplace Exposure Limits EH40. CHIP for everyone HSG 108.

Chemical safety assessment

An assessment has not been executed as this is not a hazardous material according to article 31 of REACH 1907/2006.

16 - Other information:

Training instructions: Refer to possible hazard before use of this product.

Q.C. REQUIREMENTS

In-line with general product specification. Always satisfy suitability for specific application.

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding it's' correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use.

Revised: 2020