

European Commission



Renewal Assessment Report
prepared according to the Commission Regulation (EU) N° 1107/2009

Aluminium Silicate Calcined
(Kaolin Calcined)

Volume 3 – B.4 (AS)

Rapporteur Member State: Greece
Co-Rapporteur Member State: France

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Version History

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Table of contents

B.4. FURTHER INFORMATION.....	4
B.4.1. METHODS AND PRECAUTIONS CONCERNING HANDLING, STORAGE, TRANSPORT OR FIRE	4
B.4.2. PROCEDURES FOR DESTRUCTION OR DECONTAMINATION	4
B.4.3. EMERGENCY MEASURES IN CASE OF AN ACCIDENT	5
B.4.4. REFERENCES RELIED ON	6

B.4. FURTHER INFORMATION

Highlighted Text: Information added by the evaluator (will be black in the final RAR).

B.4.1. METHODS AND PRECAUTIONS CONCERNING HANDLING, STORAGE, TRANSPORT OR FIRE

Advice on safe handling

When handling an unopened bag, care should be taken to avoid damaging the packaging in order to avoid spillage. When handling opened bags, care should be taken to avoid prolonged contact or inhalation of the powder. Provide appropriate exhaust ventilation at places where airborne dust is generated. In case of insufficient ventilation, wear suitable respiratory protective equipment.

Do not to eat, drink and smoke in work areas; wash hands after use; remove contaminated clothing and protective equipment before entering eating areas.

Storage Conditions

The substance should be stored in a dry environment to avoid caking of the powder. Temperature has no impact on the stability of the substance. Minimise airborne dust generation and prevent wind dispersal during loading and unloading. Keep containers closed and store packaged products so as to prevent accidental bursting.

Kaolin, if disposed as received, is a non-hazardous waste. Local disposal laws and regulations will determine the proper waste disposal /recycling /reclamation procedure. Kaolin can be safely disposed of in landfill and packaging can be incinerated.

Transport

Not classified as a dangerous good under transport regulation (USDOT, IMDG, IATA/ICAO).

There are no restrictions concerning transport by land, sea or air.

EU label: symbol: none

Risk phrases: none

Safety phrases: S22 – Do not breathe dust

S24/25 – Avoid contact with skin and eyes

S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S28 – After contact with skin, wash with plenty of water

S38 – In case of insufficient ventilation wear suitable respiratory equipment

S39 – Wear eye / face protection

Fire

- Kaolin does not burn. When heated above 600°C, kaolin will evolve water. No further decomposition will occur.
- Extinguishing media: No specific extinguishing media is needed.
- Special hazards arising from the substance or mixture: Non-combustible. No hazardous thermal decomposition.
- Advice for fire-fighters: No specific fire-fighting protection is required.

B.4.2. PROCEDURES FOR DESTRUCTION OR DECONTAMINATION

Detailed instructions for safe disposal

Kaolin is a non-toxic, non-hazardous material which can be disposed of following local disposal laws and regulations. Kaolin, if disposed as received, is a non-hazardous waste. Local disposal laws and regulations will determine the proper waste disposal /recycling /reclamation procedure. Kaolin can be safely disposed of in landfill and packaging can be incinerated.

Contaminated packaging and materials may be rinsed with clean water. The nature of kaolin and its absence of solubility in water mean any traces of kaolin will become immediately apparent as suspended particles in rinse water.

Packing Material: Kaolin is packaged in kraft paper bags suitable for disposal in landfill sites.

Spraying Equipment: Wash equipment thoroughly immediately after use. Fill the tank with clean water and spray out before storage or using other products. Traces of product may clog equipment filters if not cleaned thoroughly after use.

B.4.3. EMERGENCY MEASURES IN CASE OF AN ACCIDENT

Cover powder spill with plastic sheet or tarpaulin to minimize spreading and dust generation. Scoop up or vacuum the solid into a container for reclamation or disposal. Kaolin is an inert insoluble mineral and no special method of decontamination of water is required other than physical removal of excessive quantities. Kaolin is not hazardous to humans, animals or the environment.

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First aid measures: No action to avoid, neither special instruction for rescuers.

- Eye contact: Rinse with copious quantities of water and seek medical attention if irritation persists.
- Inhalation: Go to fresh air. If symptoms appear, seek medical attention.
- Ingestion: No special first aid measures necessary.
- Skin contact: No special first aid measures necessary.
- Most important symptoms and effects, both acute and delayed: No acute and delayed symptoms and effects are observed.
- Indication of any immediate medical attention and special treatment needed: No specific actions are required.

B.4.4. REFERENCES RELIED ON

Data Point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation