

## MATERIAL SAFETY DATA SHEET

# WHITE KAOLIN CLAY

# MSDS

### 1. PRODUCT NAME AND COMPANY IDENTIFICATION

**Product Name:** WHITE KAOLIN CLAY  
**Product Use:** Personal Care Formulations  
**Company Name:** Natural Sourcing  
**Company Address:** 341 Christian Street, Oxford, CT 06478, USA  
**Date Issued:** 1/1/2008  
**Emergency Telephone Number:** Chemtrec Tel: (800) 262-8200

### 2. COMPOSITION/INGREDIENT INFORMATION

**Ingredients:** 100% natural mineral clay  
Low presence of Quartz (Grain size lower than or equal to mm).

### 3. HAZARDS IDENTIFICATION

**Emergency Overview:**

**Inhalation:** The product may contain breathable dust. Prolonged inhalation of a high concentration of dust may affect lung function. To use in complete safety, respect exposure limits.

### 4. FIRST AID MEASURES

**Eyes:** Flush with plenty of water or eye wash solution for 15 minutes. Get medical attention if irritation persists.  
**Skin:** Wash off with water.  
**Ingestion:** No particular measure. Seek medical attention if large dose is ingested.  
**Inhalation:** Remove to fresh air. If continued respiratory irritation occurs or if breathing becomes difficult, seek medical attention.  
**Medical Conditions Generally Aggravated by Exposure:** None

### 5. FIRE FIGHTING MEASURES

Inflammable, not toxic. No reported risk in the event of fire.

**Special Firefighting Procedures:** N/A  
**Unusual Fire & Explosion Hazards:** N/A

### 6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

**Precautions:** Avoid dust formation. In the event of a high level exposure to volatile dust, wear a protective mask and safety goggles.  
**Methods for Cleaning Up:** Sweep up small spills carefully. For large spills, use water

**Risks of falls and slips:**

sprays or ventilated evacuation systems to prevent dust prevention. Dispose of according to local regulations.  
Dampening the floor while cleaning a clay storage site may render it extremely slippery. Dry cleaning is recommended if people are required to continue working on the site.

**7. HANDLING AND STORAGE**

**Handling**

**Safe Handling:**

Avoid dust formation. Provide appropriate ventilation where dust forms. In the event where there is insufficient ventilation wear suitable breathing equipment.

**Storage**

**Requirements for Storage Areas and Containers:**

Store in closed containers below 30°C in well ventilated areas. May be slippery when wet.

**8. EXPOSURE CONTROL/PERSONAL PROTECTION**

**Exposure Value Limits:**

Respect the regulatory provisions for dust (inhalable and breathable) and crystalline silica.

**Eye:**

Safety glasses should be worn.

**Skin/Body:**

Gloves should be worn.

**Respiratory:**

In the event of exposure to dust beyond regulatory limits, and even in general during any type of handling wear a breathing mask in accordance with national law.

**Ventilation:**

Provide appropriate ventilation and filters in places where dust may be generated.

**Other:**

Evaluate need based on application. Slip proof shoes may be worn where spills may occur.

**Work/Hygiene Practice:**

Normal work and hygiene practices

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical State:**

Powder

**Color:**

White

**Odor:**

Odorless

**Flash Point:**

Not explosive

**Vapor Pressure:**

N/A

**Relative Density:**

N/A

**Solubility:**

In fluorhydric acid

**10. STABILITY AND REACTIVITY**

**Stability:**

Chemically stable, no particular incompatibility, product is without risk of decomposition.

**11. TOXICOLOGICAL INFORMATION**

**Acute Toxicology:**

No acute toxicity

**Chronic:**

Prolonged or high exposure to respirable dust may cause respiratory effects. Due to its quartz content, excessive exposure to kaolin dust may cause pulmonary silicosis or

fibrosis. Scientific discussion continues on the possible carcinogenic effect of quartz. It has been proved that the risk of cancer increases for people who are already suffering from silicosis. In accordance with the current state of affairs, the protection of workers against silicosis is logically ensured by respecting the regulatory limits of the profession.

#### 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** No known ecological hazards are associated with this product.

#### 13. DISPOSAL CONSIDERATIONS

**Residual Waste / Unused Products:** They can be buried in accordance with local regulations. The material must be buried to prevent emission of breathable dust. If possible, recycling is preferable to storing.

**Packaging:** No particular requirement. In all cases, dust formation due to residues during packaging must be avoided and suitable protection must be provided to workers.

#### 14. TRANSPORT INFORMATION

No precautions required by the regulations of transporting hazardous good. Avoid dust spreading.

**DOT Classification:** Not classified

**IATA Classification:** Not classified

**IMDG:** Not classified

#### 15. REGULATORY INFORMATION

No information

#### 16. ADDITIONAL INFORMATION

This information is provided for documentation purposes only.  
This product is not considered hazardous.

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. 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. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user.

This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers.