PRODUCT NAME: Clay, Kaolin - White
PRODUCT CODE: 502-110X
SYNONYMS: China Clay; Porcelain clay

SUPPLIER:
Majestic Mountain Sage Inc
2490 S 1350 W
Nibley, 84321 - United States of America
T 435.755.0863 - F 435.755.2108
www.TheSage.com

EMERGENCY TELEPHONE NUMBER
No additional information available

SECTION 2: HAZARDS IDENTIFICATION

2.1 POTENTIAL ACUTE HEALTH EFFECTS
Slightly hazardous in case of skin contact (irritant), eye contact (irritant), ingestion and inhalation.

2.2 POTENTIAL CHRONIC HEALTH EFFECTS
Slightly hazardous in case of ingestion and inhalation. The substance may be toxic to upper respiratory tract and stomach. Repeated or prolonged exposure to the substance can produce target organs damage.

Carcinogenic Effects: A4 (Not classifiable for human or animal) by ACGIH
Mutagenic Effects: Not available
Teratogenic Effects: Not available
Developmental Toxicity: Not available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 TOXICOLOGICAL DATA ON INGREDIENTS
Kaolin
LD50: Not available
LC50: Not available
SECTION 4: First Aid Measures

4.1 First Aid

Eye Contact
Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Skin Contact
In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Serious Skin Contact
Not available.

Inhalation
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation
Not available.

Ingestion
Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion
Not available.

SECTION 5: Firefighting Measures

5.1 Fire and Explosion Data

- Flammability of the Product: Non-flammable
- Auto-Ignition Temperature: Not applicable
- Flash Points: Not applicable
- Flammable Limits: Not applicable
- Products of Combustion: Not available
- Fire Hazards in Presence of Various Substances: Not applicable
- Explosion Hazards in Presence of Various Substances:
  - Risks of explosion of the product in presence of mechanical impact: Not available.
  - Risks of explosion of the product in presence of static discharge: Not available.

<table>
<thead>
<tr>
<th>Name</th>
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<th>TWA (mg/m³)</th>
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<td>5</td>
<td>100</td>
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SECTION 6: Accidental Release Measures

6.1 Accidental Release Measures

Small Spill
Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill
Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

SECTION 7: Handling and Storage

7.1 Precautions
Do not breathe dust. Keep away from incompatibles such as oxidizing agents, acids and alkalis.

7.2 Storage
Keep container tightly closed. Keep container in a cool, well-ventilated area.

SECTION 8: Exposure Controls/Personal Protection

8.1 Engineering Controls
Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

8.2 Personal Protection
Safety glasses, lab coat, dust respirator, and gloves. Be sure to use an approved/certified respirator or equivalent.
In case of Large Spill Splash goggles, full suit, dust respirator, boots, and gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

8.3 Exposure Limit Data

- TWA: 2 (mg/m$^3$) from ACGIH (TLV) [United States] [1999] Inhalation Respirable.
- TWA: 15 (mg/m$^3$) from OSHA (PEL) [United States] Inhalation Total.
- TWA: 5 (mg/m$^3$) from NIOSH Inhalation Respirable.
- TWA: 10 (mg/m$^3$) from NIOSH [United States] Inhalation Total.
- TWA: 5 (mg/m$^3$) from OSHA (PEL) [United States] Inhalation Respirable.

Consult local authorities for acceptable exposure limits.

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SECTION 11: Toxicological Information

10.2 Incompatibility with various substances
Reactive with oxidizing agents, acids, alkalis

10.3 Corrosivity
Non-corrosive in presence of glass

10.4 Special Remarks
Reactivity: Not available
Corrosivity: Not available
Polymerization: Will not occur

11.1 Routes of Entry
Inhalation and Ingestion

11.2 Toxicity to Animals
LD50: Not available
LC50: Not available

11.3 Effects
Chronic Effects on Humans: Carcinogenic Effects: A4 (Not classifiable for human or animal) by ACGIH. May cause damage to the following organs: upper respiratory tract, stomach.
Other Toxic Effects on Humans: Slightly hazardous in case of skin contact (irritant), ingestion, inhalation.

11.4 Remarks
Special Remarks on Toxicity to Animals: Not available
Special Remarks on Chronic Effects on Humans: May cause adverse reproductive effects based on animal test data. No human data found.

Acute Potential Health Effects
Skin: Dust may cause skin irritation.
Eyes: Dust may cause eye irritation.
Ingestion: May cause irritation of the digestive tract. Low hazard for usual industrial handling.
Inhalation: Dust may cause respiratory tract irritation. Low hazard for usual industrial handling.

Chronic Potential Health Effects: Prolonged exposure may affect the stomach and respiratory system. The NIOSH Pocket Guide lists the respiratory system and stomach as target organs. Chronic inhalation may cause a particular type of pneumoconiosis called Kaolinite. It is characterized by positive x-ray findings and mild reductions in pulmonary function. Pure Kaolin is apparently not fibrogenic and does not induce debilitation silicosis. However, if it is contaminated with crystalline silica it may produce severe lung effects, including emphysema and pulmonary fibrosis due to the contaminating silica.
SECTION 12: Ecological Information

12.1 Ecotoxicity
Not available

12.2 BOD5 and COD
Not available

12.3 Products of Biodegradation
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

12.4 Toxicity of the Products of Biodegradation
Not available

SECTION 13: Disposal Considerations

13.1 Waste Disposal
Waste must be disposed of in accordance with federal, state and local environmental control regulations.

SECTION 14: Transport Information

14.1 DOT Classification
Not a DOT controlled material (United States)

14.2 Identification
Not available

14.3 Special Provision for Transport
Not applicable

SECTION 15: Regulatory Information

15.1 Federal and State Regulations
- Illinois toxic substances disclosure to employee act: Kaolin
- Pennsylvania RTK: Kaolin
- Minnesota: Kaolin
- TSCA 8(b) inventory: Kaolin

15.2 California Proposition 65 Warnings
This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: No products were found.

This product contains the following ingredients for which the State of California has found to cause birth defects which would require a warning under the statute: No products were found.

15.3 Other Regulations
- EINECS: This product is not on the European Inventory of Existing Commercial Chemical Substances.
- Canada: Listed on Canadian Domestic Substance List (DSL)
China: Listed on National Inventory  
Japan: Listed on National Inventory (ENCS)  
Korea: Listed on National Inventory (KECI)  
Philippines: Listed on National Inventory (PICCS)  
Australia: Listed on AICS

15.4 Other Classifications
WHMIS (Canada) Not controlled under WHMIS (Canada)
DSCL (EEC) This product is not classified according to the EU regulations.

15.5 HMIS (U.S.A)
National Fire Protection Association (U.S.A)

15.6 Protective Equipment
Gloves, lab coat, dust respirator (be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate), safety glasses.

SECTION 16: Other Information

16.1 MSDS Code K3000
16.2 References Not available
16.3 Other Special Consideration Not available

Date: September 17, 2007

The information contained within this Material Safety Data Sheet is based on our present knowledge. The data here does not guarantee any specific product features or suitability of this product for user's application. User should satisfy themselves that information is complete. No warranty is expressed or implied with respect to completeness or continuing accuracy of the information given here.