



Clay, Kaolin - White
Safety Data Sheet

SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking

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

Name	CAS #	TWA (mg/m ³)	% by Weight
Kaolin	1332-58-7	5	100

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.

Fire Fighting Media and Instructions	Not applicable
Special Remarks on Fire Hazards	Not available
Special Remarks on Explosion Hazards	Not available

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/m³) from ACGIH (TLV) [United States] [1999] Inhalation Respirable.

TWA: 15 (mg/m³) from OSHA (PEL) [United States] Inhalation Total.

TWA: 5 (mg/m³) from NIOSH Inhalation Respirable.

TWA: 10 (mg/m³) from NIOSH [United States] Inhalation Total.

TWA: 5 (mg/m³) from OSHA (PEL) [United States] Inhalation Respirable.

Consult local authorities for acceptable exposure limits.

SECTION 9: Physical and Chemical Properties

Physical state and appearance	Solid (Powdered solid)
Odor	Not available
Taste	Not available
Color	Off-white, white to yellowish
Molecular Weight	258.2 g/mole
pH (1% soln/water)	Not applicable
Boiling Point	Not available
Melting Point	1700°C (3092°F) - 1760°C
Critical Temperature	Not available
Specific Gravity	1.8 - 2.6 (Water = 1)
Vapor Pressure	Not applicable
Vapor Density	Not available
Volatility	Not available
Odor Threshold	Not available
Water/Oil Dist. Coeff.	Not available
Ionicity (in Water)	Not available
Dispersion Properties	Not available
Solubility	Insoluble in cold water, hot water, methanol, diethyl ether, n-octanol, acids or alkali hydroxides.

SECTION 10: Stability and Reactivity

10.1 Stability	The product is stable
Instability Temperature	Not available
Conditions of Instability	Excess dust generation, incompatible materials

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

SECTION 11: Toxicological Information
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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.
Special Remarks on other Toxic Effects on Humans	
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 Kaolinosis. 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

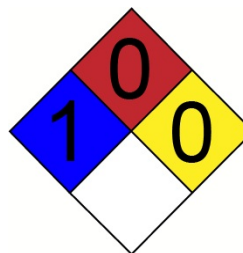
WHMIS (Canada)
DSCL (EEC)

Not controlled under WHMIS (Canada)
This product is not classified according to the EU regulations.

15.5 HMIS (U.S.A)

Health Hazard	1
Fire Hazard	0
Reactivity	0
Personal Protection	E

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.