



## Pink Kaolin Clay

Safety Data Sheet

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

**1.1 Product name:** Pink Kaolin Clay

**1.2 Product code:** 502-117X

**1.3 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](http://www.TheSage.com)

**1.4 Emergency telephone number**

No additional information available

### SECTION 2: Hazards Identification

**2.1 Classification of the substance**

**Classification according to the Regulation (CE) N° 1272/2008 (CLP)**

The substance is not classified as hazardous according to Regulation (CE) 1272/2008.

**Classification according to the directive 67/548/CEE**

The substance is not classified as hazardous according to the EU directive N° 67/548/CEE.

**Additional, national or regional information**

None

**2.2 Label elements**

**Classification according to the Regulation (CE) N° 1272/2008 (CLP)**

Not applicable. The substance is not classified as hazardous according to Regulation (CE) 1272/2008.

**Classification according to the directive 67/548/CEE**

Not applicable. The substance is not classified as hazardous according to the EU directive N° 67/548/CEE.

### 2.3 Other Hazards

The components do not meet the criteria for classification as PBT and/or vPvB found in the list of the appendix XIII of Regulation N° 1907/2006. This product is not classified as hazardous. It doesn't represent a risk to health or the environment under current legislation. Dust airborne may be possible. The quantity may be more or less important according to the grain size of the product.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Note: The substance described below is a mixture of White Kaolin and Red Kaolin Clays (result of a manufacturing process). It is 100% composed of 100% natural clay.

CAS	REACH Registration number	Product Name	Classification in compliance with the directive 67/548/CEE	Classification in compliance with the Regulation (CE) N° 1272/2008	Percentage by mass
See 1.1	Exempt (see 1.1)	French Rose Kaolin Clay	Unclassified	Unclassified	100%

### 3.2 Mixture

Not applicable

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

General	Have product container, label elements and SDS at hand if medical advice is needed.
Inhalation	The person should be taken outside into the open air, away from dust. Get medical attention if symptoms occur.
Skin Contact	If symptoms occur, rinse cautiously with water for several minutes. Get medical attention if symptoms persist.
Eye Contact	Rinse cautiously with water for several minutes. Get medical attention if symptoms persist.
Ingestion	Get medical attention if symptoms persist. Do not induce vomiting without medical attention.
Self-protection	No specific care

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

An excessive production of dust may cause slight irritation of the eyes and respiratory tract. No delayed effect has been recorded.

#### **4.3 Indications of immediate medical and specific treatment needed**

None. See above 4.1.

### **SECTION 5: Firefighting measures**

#### **5.1 Extinguishing media**

This product is non-flammable and non-explosive. No specific firefighting measure is required. No unsuitable extinguishing media.

#### **5.2 Special hazards arising from substance**

None

#### **5.3 Advice for firefighters**

No specific care is recommended

### **SECTION 6: Accidental release measures**

#### **6.1 Personal precautions, protective equipment and emergency procedures**

To non-firefighters and firefighters: Avoid dust formation. Avoid inhaling dust. In case of dust formation, wear an anti-dust mask -type FFP3.

#### **6.2 Environmental precautions**

No specific precaution. See environmental information Section 12.

#### **6.3 Methods and materials for containment and cleaning up**

Hoover the spilled product (to avoid raising dust). Avoid moistening the product (wet clay can be slippery). Deal with the recovered product as indicated in Section 13. Keep in sealed containers.

#### **6.4 Reference to other sections**

See Section 8 and 13 for other information.

### **SECTION 7: Handling and storage**

#### **7.1 Precautions for safe handling**

##### **Technical measures**

Reduce as much as possible dust formation and use adequate ventilation system. If the ventilation system of the premises is not sufficient, wear a respiratory gear type FFP3. Avoid eye contact. The product can be slippery when wet. The product is non-inflammable, no specific firefighting measure is recommended. Minimize environmental release, using filters for ventilation systems for example.

### **Advice on general occupational hygiene**

Do not eat, drink and smoke in working areas. Wash your hands after every use. Remove soiled clothes and protective equipment before getting into a catering area.

### **7.2 Conditions for safe storage, including any compatibilities**

Keep the product in its closed container in a dry and well-ventilated area. Keep the container closed to avoid dust formation.

### **7.3 Specific final use**

If you need more details for uses mentioned in Section 1, contact your supplier. If you need advice for specific uses of the product, contact your supplier.

<b>SECTION 8: Exposure controls/personal protection</b>
---------------------------------------------------------

### **8.1 Control parameters**

#### **Occupational exposure limits**

French Rose Kaolin Clay is considered as dust with no specific effect

<b>Components</b>	<b>Exposure Limits</b>		<b>Type of value</b>	<b>Source</b>
French Rose Kaolin Clay	10 mg/m <sup>3</sup> (inhalable fraction)	5 mg/m <sup>3</sup> (alveolar fraction)	VME-8h	French Ministry of Labor-Circular issued by the French Ministry of Labor on May 9 <sup>th</sup> 1985.

For occupational limit values applicable in other countries, please refer to local Regulations.

#### **Biological limit values**

Non applicable

#### **Recommended follow-up procedures**

In order to monitor individual and environmental exposure, the recommended methods are described below:

- A decree issued on December 15<sup>th</sup> 2009 related to technical controls of occupational limit values at work and to certification standards of control agencies.

- Circular DGT N° 2010-03 issued on April 13<sup>th</sup> 2010 related to chemical risk control measures at work.

These standards are applied in France. If you are located in another European country or outside the EU, refer to the competent authorities.

#### **Professional exposure limits and/or biological limit values of air contaminants**

Non applicable

### **DNEL/PNEC values**

No available DNEL or PNEC values: the substance is exempt in compliance with Appendix V, Chapter 7, of the Regulation (CE) N° 1907/2006 (REACH)-(substance that can be found in the nature/not chemically modified substance), and was therefore not assessed further with chemical security.

### **Social Dialogue on Respirable Crystalline Silica**

Depending on the type of handling and use (e.g. grinding, drying), airborne respirable crystalline silica (quartz-cristobalite) may be generated. Prolonged and/or massive inhalation of respirable crystalline silica dust may cause lung fibrosis, commonly referred to as silicosis. Principal symptoms of silicosis are cough and breathlessness. Occupational exposure to respirable crystalline silica dust must be monitored and controlled.

A multi-sectorial social dialogue agreement on Workers Health Protection through the Good Handling and Use of Crystalline Silica and Products Containing was signed on 25<sup>th</sup> April 2006. The Agreement was published in the Official Journal of the European Union (2006/ C 279/02). The text and guidance for the handling of products containing respirable crystalline silica. (Literature references EUROSIL, the European Association of Industrial Silica Producers.

## **8.2 Exposure controls**

### **Appropriate technical controls**

Avoid producing dust airborne. Opt for collective protective equipment in order to avoid creating dust: use closed processes, a well-adapted exhaust ventilation or any other process that can keep airborne concentrations below the specified exposure limits. Organizational measures can be take such as isolating staff from dusty areas for example.

### **Individual protection measures, such as personal protective equipment**

Face/eye protection	Wear safety glasses if airborne dust generation
Skin protection	Wearing gloves is advised
Respiratory protection	Wear a respiratory equipment type FFP3 if airborne dust generation.
Thermal dangers	Non applicable

### **Environmental measures**

In case of accidental spillage, refer to Section 6. In case of abnormal use of the product, follow the following instructions: Remove the product or the rising water in compliance with local and national rules.

## SECTION 9: Physical and chemical properties

### 9.1 Information on main physical and chemical properties

Features	Data	Methods
Physical state	Solid	
Appearance	Powder	
Color	Rose	
Odor	Odorless	
Odor threshold	Non applicable	
pH	Between 5 and 9	Measure carried out in compliance with method: NF EN ISO 787-9 T31-235 and pH-measure.
Melting point	1300-1700°C	
Freezing point	Non applicable	
Boiling point	Non applicable	
Flash point	Non applicable	
Evaporation rate	Non applicable	
Inflammability	Non inflammable	
Upper/Lower flammability or explosive limits	Non applicable	
Vapor pressure	Non applicable	
Vapor density	Non applicable	
Relative density	From 2.6 g/cm <sup>3</sup>	Measure carried out in compliance with the bulk density method: NF T 73-405 (March 1982) or a method from the international norm OCDE 109 (bulk density).
Solubility in water	Insoluble	
Partition coefficient n-octanol/water	Non applicable	
Autoignition temperature	Non applicable	
Decomposition temperature	No data available	
Viscosity	Non applicable	
Explosive properties	Non explosive	
Oxidizing properties	Non oxidizing	

### 9.2 Other information

None

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

The product is stable and inert.

## 10.2 Chemical stability

The product is stable.

## 10.3 Possibility of hazardous reactions

None identified.

## 10.4 Conditions to be avoided

None identified.

## 10.5 Incompatible materials

No incompatible materials identified.

## 10.6 Hazardous decomposition product

No hazardous decomposition product identified.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

These tests were carried out long before the restriction date on animal testing on 11/03/2009 (Regulation (CE) N° 1223/2009). The actual batches have no longer been test on animals since 2009.

Tests	OCDE N°	Results	Species	Duration of the study	Classification
Acute oral toxicity study	423	LD50 = 5000 mg/kg	Rat	3 hrs	Category 5 or unclassified => non toxic
Acute dermal toxicity study	402	LD50 > 2000 mg/kg	Rat	14 days	Category 5 => non toxic
Acute inhalation toxicity study	403	LD50 between 2000 & 5000 mg/kg and LC50 = 3856 mg/L	Rat	Exposure: 4 hrs during 14 observation days	Category 5 or unclassified => non toxic
Acute dermal irritation study	404	Not irritating	Rabbit	72 hrs after releasing the substance	Unclassified => non irritating

Acute eye irritation study	405	Not irritating	Rabbit	72 hrs after instillation	Unclassified => non irritating
Skin sensitization study	406	Negative	Guinea pig	48 hrs after releasing the substance	Negative
In vitro mammalian chromosome aberration test	473	Does not provoke mammalian chromosome aberrations	In vitro test	21 hrs of exposure	Does not provoke mammalian chromosome aberrations
Reverse mutation bacterial test	471	-	Salmonella typhimurium strain	48 hrs	Negative
Reproduction toxicity	Is not classified as hazardous. (No specific data). Natural product				
Germ cell mutagenicity	Is not classified as hazardous. (No specific data). Natural product				
Specific target organ toxicity - single exposure	Is not classified as hazardous. (No specific data). Natural product				
Specific target organ toxicity - repeated exposure	Is not classified as hazardous. (No specific data). Natural product				
Aspiration toxicity hazard	Is not classified as hazardous. (No specific data). Natural product				

## SECTION 12: Ecological information

### 12.1 Toxicity

These tests were carried out long before the restriction date on animal testing on 11/03/2009 (Regulation (CE) N° 1223/2009). The actual batches have no longer been test on animals since 2009.

Tests	OCDE N°	Results	Species	Medium	Testing time	Classification
Acute aquatic toxicity test	203	NOEC > 100 mg/L, LC50 > 100 mg/L	Brachidanio rerio	Aquatic environment	96 hrs	Safe for the environment
Inhibition test on algae growth	201	NOEC > 100 mg/L	Desmodes mus subspicatus	Aquatic environment	72 hrs	Safe for the environment
Acute immobilization test	202	EC50>100 mg/L	Daphnia magna	Aquatic environment	48 hrs	Safe for the environment
Oral acute toxicity test (side effects)	213	LC50 > 100 ug/subject	Apis mellifera L. (Hymenoptera: apidae)	-	48 hrs	Safe for the environment
Dermal acute toxicity test (side effects)	214	LC50 > 100 ug/subject	Apis mellifera L. (Hymenoptera: apidae)	-	48 hrs	Safe for the environment

### 12.2 Persistence and degradability

Stable and non-biodegradable product (inorganic product).

### 12.3 Bioaccumulative persistence

Non applicable (inorganic product).

### 12.4 Mobility in soil

No specific data

### 12.5 Results of PBT and vPvB assessments

Does not meet the criteria for classification as PBT and/or vPvB found in the list of Appendix XIII of Regulation N° 1907/2006. (Inorganic product).

### 12.6 Other adverse effects

None has been reported

## SECTION 13: Disposal considerations

### 13.1 Waste treatment method

Substance treatment	Waste must be discharged in compliance with local, national regulations and with applicable European standards and guidelines. Waste can be landfilled in compliance with local regulations. Do not dispose of waste into the drains.
Container treatment	Empty the container. Remove and sort out the product.

## SECTION 14: Transport information

### 14.1 Transportation Information

UN Number	Not listed
UN proper shipping name	No data available
Transport Hazard group	Unclassified
Packing group	Not concerned
Environmental hazards	None

### 14.2 Special precautions for user

See Section 7.1. Follow the same instructions as when handling the product.

### 14.3 Transport in bulk according to Appendix II of MARPOL 73/78 and the IBC Code

Not concerned

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental Regulations/Legislation specific for the substance of mixture

#### EU Regulations

The substance is exempt in compliance with Appendix V, Chapter 7, of Regulation (CE) N° 1907/2006 (REACH) - (substance that can be found in the nature/chemically non-modified substance). The substance is not labeled in compliance with Regulation (CE) N° 1272/2008 and UE Regulation.

#### US Regulations

FDA: Kaolin (aluminum silicate, china clay, clay) is acceptable for several specific uses (See 21 CFR 73, 82, 175, 176, 177, 178, 186, 310, 335, 346, 347 and 872 sections). TSCA: This product is registered in the TSCA inventory. It does not contain any substance under exportation regulations in compliance with Art. 12(b) of TSCA.

## 15.2 Chemical security assessment

French Rose Kaolin Clay is exempt from REACH registration. No chemical security assessment was carried out for this substance.

<b>SECTION 16: Other information</b>
--------------------------------------

DNEL	Derived No-Effect Level
EC50	Effective Concentration 50%
LC50	Lethal Concentration 50%
DC50	Lethal Dose 50%
NOEC	No-Observed Effect Concentration
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
SDS	Safety Data Sheet
vPvB	Very Persistent Substance Very Bioaccumulative

### Notes:

This safety data sheet is based on the properties of the material known at the time the data sheet was issued. The safety data sheet is intended to provide information for a health and safety assessment of the material and the circumstances, under which it is packaged, stored or applied in the workplace. For such a safety assessment holds no responsibility. This document is not intended for quality assurance purposes.