

KAOLIN (CLAY) – SAFETY DATA SHEET

SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

PRODUCT IDENTIFIER

Product Name	Kaolin (Clay)	
INCI Name	Kaolin	
CAS Number	1332-58-7	

DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Registered distributor company name	Pure Ingredients Ltd	Pure Nature
Address	626A Rosebank Road, Avondale 1026	626A Rosebank Road, Avondale 1026
Telephone	+64 9 813 5619	+64 813 9412
Website	www.pureingredients.co.nz	www.purenature.co.nz
Email	compliance@pureingredients.co.nz	info@purenature.co.nz

EMERGENCY TELEPHONE NUMBER

Association / Organisation	0800 CHEMCALL / 0800 243 622 (24hr)	
Emergency telephone numbers	111	
Other emergency telephone numbers	0800 764 766	

SECTION 2 HAZARDS IDENTIFICATION

HSNO Hazard Classification	Not classified
HSNO Approval Number	-
Hazard Nature	This product is not classified as hazardous under HSNO criteria
Pictogram(s)	Nil
Signal Word	Nil
Hazard Statement(s)	Nil
Prevention Statements(s)	Nil
Response Statement(s)	Nil
Storage Statement(s)	Nil
Disposal Statement(s)	Nil

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

CAS No.	INCI Name
1332-58-7	Kaolin (Aluminium Silicate Clay)

SECTION 4 FIRST AID MEASURES

NZ Poisons Centre 0800 POISON (0800 764 766) | NZ Emergency Services: 111

Inhalation	If exposure is in excess of prescribed limits, remove the person immediately to fresh air, give artificial respiration as needed, seek medical attention as needed.
Ingestion	Have subject drink water. Do not induce vomiting. Obtain medical assistance immediately.
Skin Contact	Wash the affected skin copiously with soap & water.
Eye Contact	Accidental direct contact with eyes may cause, discomfort due to mechanical irritation. Wash the affected eyes copiously with clean water.

SECTION 5 FIREFIGHTING MEASURES

Flammable limits in air	Not flammable.
Flash point	Not flammable.
Auto ignition temperature	Not flammable.
Extinguishing agents	Not required.
Unusual fire and explosion hazards	None known.
Sensitivity to static discharge	N/A

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SECTION 6 ACCIDENTAL RELEASE MEASURES

Spills	Use dustless methods (vacuum) and place into closable container for disposal, or flush small quantities with water with extreme care. Clean up personnel should use appropriate NIOSH / MSHA approved respirators if exposures are expected above the limits. Water should be used with care as it creates a slipping hazard when mixed with this product. Calcined clay is generally non-toxic to aquatic systems but may high turbidity in storm water. Do not dry sweep.
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SECTION 7 HANDLING AND STORAGE

Precautions during handling and use	Do not breathe dust. Use adequate ventilation and dust collection. Keep airborne dust concentrations below PEL. Do not rely on your sight to determine if dust is in the air.
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SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits	Aluminium Silicate Clay	OSHA PEL	ACGIH TLV	NIOSH REL
		15 mg/m ³ (total)	2 mg/m ³ (respirable)	10 mg/m ³ (total)
		5 mg/m ³ (respirable)	-	5 mg/m ³ (respirable)
Engineering controls	Respirable dust levels should be monitored regularly, dust levels in excess of appropriate exposure limits should be reduced by all feasible engineering controls, including (but not limited to) wet suppression, ventilation, process enclosure and enclosed employee work stations.			
Respiratory protection	For respirable dust levels that exceed the limits appropriate approved filter respirators must be worn.			

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White powder	Odour	None
Boiling point	N/A	Specific gravity	2.2 – 2.6
Vapour pressure	None	Melting point	>1700 °C
Vapour density	None	Evaporation rate	None
Solubility in water	Negligible		

SECTION 10 STABILITY AND REACTIVITY

Stability	Stable under normal storage conditions.
Incompatibility	None known.
Hazardous decomposition or by-products	None known.
Hazardous polymerisation	Will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

It is not listed as carcinogen by the International Agency for Research on Cancer (IARC), the National Toxicological Program (NTP) or the Occupational Safety and Health Administration (OSHA). The American Conference of Governmental Industrial Hygienists (ACGIH) lists as Not classifiable as a Human Carcinogen.

SECTION 12 ECOLOGICAL INFORMATION

No adverse ecological effects are expected. May affect turbidity of water if discharged in large quantities to lakes or streams.

SECTION 13 DISPOSAL CONSIDERATION

The packaging and material may be land filled; however, material should be covered to minimize generation of airborne dust.

SECTION 14 TRANSPORT INFORMATION

Transport	Road & Rail	Marine	Air
UN number	Not dangerous goods.	Not dangerous goods.	Not dangerous goods.
UN proper shipping name	Nil	Nil	Nil
Transport hazard class(es)	Nil	Nil	Nil
Packing group	Nil	Nil	Nil
Environmental hazards	Nil	Nil	Nil

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SECTION 15 REGULATORY INFORMATION

TSCA No	Does not appear in TSCA inventory requirement list.		
OSHA	This document based on OSHA communication standard However, please consult applicable local laws.		
Hazardous Material Information system (HMIS)	Health	0*	Potential chronic effects
	Flammability	0	Non-flammable
	Reactivity	0	Non-reactive
	Protective Equipment	E**	
	* Prolonged breathing exceeding permissible limits would affect lung function ** Use NIOSH approved dust mask for dusty conditions.		

SECTION 16 OTHER INFORMATION

The information contained in this Safety Data Sheet is obtained from current and reliable sources. Pure Ingredients Ltd provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This Safety Data Sheet summarises our best current knowledge of the health and safety hazard information of the product but does not claim to be all inclusive. This document is intended only as a guide to the appropriate handling of this material.

Reference: supplier's SDS.

PI V00 26/11/2013, new
Version: 01 Revision Date: 04/05/2020: PIL SDS Change of address
Version: 02 Revision Date: 28/07/2022: PIL – SA278 010614

