

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

Product Name	Bentonite Clay - Food Grade
Other Names	Bentonite, Sodium Bentonite, Montmorillonite

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 9 813 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

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

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Ingredient	CAS No.	EINECS	% [weight/volume]
Montmorillonite (dominant)	1318-93-0	-	95-99% w/w
Quartz (minor)	14808-60-7	-	1-2% w/w
Other		-	<3% w/w

SECTION 4 FIRST AID MEASURES

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

General	Inert clay. Does not contain respirable silica in product form. No specific advice.
Skin contact	Non-skin absorbing but may adhere to cuts, skin abrasions. Wash with plenty of water and non-abrasive soap.
Eye contact	Flush eyes with clean, low pressure tap water for 15 minutes. Remove contact lenses to ensure thorough flushing. If irritation persists, seek medical advice.
Ingestion	Not likely to be toxic by ingestion.
Inhalation	Move affected person to fresh air; and allow rest. If discomfort continues, seek medical advice.

SECTION 5 FIREFIGHTING MEASURES

General Measures	Clear fire area of all non-emergency personnel. Stay upwind. Keep out of low areas. Eliminate ignition sources. Move fire exposed containers from fire area if it can be done without risk.
Extinguishing Media	Non-flammable; water and/or foam sprays may be used in vicinity of product.
Special Firefighting instructions	Unpackaged product will become extremely slippery when wet. Care must be taken by emergency vehicles and personnel when moving across wet product.
Personal Protective Equipment	No Data Available.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Avoid generating dust. Use dust mask when cleaning up product in powder form.
Environmental precautions	Product is not harmful to the environment.
Methods and material for containment and cleaning up	Sweep up dry product and dispose of in general waste/landfill. Product will swell upon contact with water and has the potential to block drains.

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling	Avoid generating airborne particles.
Conditions for safe storage, including any incompatibilities	Store in a cool, dry place away from other chemicals to avoid absorption and taint. Store in original packaging as approved by manufacturer.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

General	No exposure standard allocated to product as sold. NOTE: If dust is produced from further processing the Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003(1995)] should be consulted.
Exposure Limits	No Data Available.
Biological Limits	No biological limit allocated for product.
Engineering Controls	Ensure ventilation is adequate to maintain airborne dust concentrations below the occupational exposure standards for respirable dust (10 mg/m ³ TWA) and respirable silica (0.1 mg/m ³ TWA).
Personal Protection Equipment	Safety glasses and non-toxic dust mask or P2 respirator recommended when handling product.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Solid	Flash point	Non-flammable
Colour	Cream/Off-White Powder	Relative Density	1.12 tonne per cubic metre.
pH	5-7	Solubility in Water	Forms colloidal suspension

SECTION 10 STABILITY AND REACTIVITY

Reactivity	No data available.
Chemical stability	Product is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
Possibility of hazardous reactions	No data available.
Conditions to avoid	No data available
Incompatible materials	No data available
Hazardous decomposition products	No data available.

SECTION 11 TOXICOLOGICAL INFORMATION

Acute toxicity (oral)	Not classified
Acute toxicity (dermal)	Not classified
Acute toxicity (inhalation)	May cause respiratory discomfort
Skin corrosion/irritation	May cause skin irritation
Serious eye damage/irritation	Not classified
Respiratory or skin sensitisation	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
STOT-single exposure	Not classified
STOT-repeated exposure	Not classified
Aspiration hazard	Not classified

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity	No information available.
Persistence/Degradability	No information available.
Bioaccumulation Potential	No information available.
Mobility in Soil	No information available.
Other Adverse Effects	No information available.

SECTION 13 DISPOSAL CONSIDERATION

General Information	Dispose of in accordance with all local, state and federal regulations. All empty packaging should be disposed of in accordance with Local, State, and Federal Regulations or recycled/reconditioned at an approved facility.
Disposal of Contaminated Packaging	Used packaging may be recycled where facilities exist.
Special Precautions for Land Fill or Incineration	No special precautions for disposal of unused product. Will not burn.

SECTION 14 TRANSPORT INFORMATION

	UNRTDG (NZS 5433:2012)	Sea Transport (IMDG)	Air Transport (IATA/ICAO)
UN number	Not regulated	Not regulated	Not regulated
UN proper shipping name	BENTONITE CLAY	BENTONITE CLAY	BENTONITE CLAY
Transport hazard class(es)	No Data Available	No Data Available	No Data Available
Packing group	No Data Available	No Data Available	No Data Available
Environmental hazards	No Data Available	No Data Available	No Data Available

SECTION 15 REGULATORY INFORMATION

NZIoC (New Zealand Inventory of Chemicals): Listed on NZIoC (New Zealand Inventory of Chemicals)

Hazardous Substances and New Organisms Act

HSNO Approval Number: Not applicable

Chemical safety assessment

No additional information available

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.

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