

GHASSOUL CLAY – SAFETY DATA SHEET
SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING
PRODUCT IDENTIFIER

Product name (as on label)	Ghassoul Clay, <u>Synonyms:</u> Rhassoul Clay, Moroccan Lava Clay
Uses	Cosmetic and aromatherapy ingredient
Function	Abrasive, Absorbent, Bulking Agent, Emulsion Stabilizer, Opacifying Agent, Viscosity Increasing Agent - Aqueous

DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Registered distributor company name	Pure Ingredients Ltd
Address	626A Rosebank Road, Avondale Auckland 1026 New Zealand
Telephone	+649 8135619
Website + Email	www.pureingredients.co.nz + compliance@pureingredients.co.nz

EMERGENCY TELEPHONE NUMBER

CHEMICAL	0800 CHEMICAL / 800 243 622 (24hr)
Emergency telephone numbers	111
Other emergency telephone numbers	NZ Poisons Centre 0800 POISON (0800 764 766)

SECTION 2 HAZARDS IDENTIFICATION

 Pictogram:
 Signal Word: Danger

 HAZARD STATEMENT: H350 May cause cancer through prolonged or repeated exposure to inhalation of inspirable dust.
 H372 Cause damage to lungs through prolonged or repeated exposure to inhalation of inspirable dust.

 PREVENTION:

- P101 If medical advice is needed, have product container or label at hand.
- P102 Keep out of the reach of children.
- P202 Do not handle until all safety precautions have been read and understood.
- P233 Keep container tightly closed.
- P261 Avoid breathing dust/fumes.
- P270 Do not eat, drink or smoke when using this product.
- P271 Use only outdoors or in a well-ventilated area.
- P273 Avoid release to the environment.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P285 In case of inadequate ventilation wear respiratory protection.

 RESPONSE:

- P301+P310+P330+P331 IF SWALLOWED: Immediately call a POISON CENTER or doctor. Rinse mouth. Do NOT induce vomiting.
- P303+P352+P362 IF ON SKIN (or hair): Wash plenty of soap and water. Take off contaminated clothing and wash before use.
- P304+P340+P312 IF INHALED: Remove victim to fresh and keep at rest in a position comfortable for breathing. Call a POISON CENTRE or doctor/physician if you feel unwell.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P309+P311 IF exposed or you feel unwell: Call a POISON CENTRE or doctor/physician.
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
- P391 Collect spillage.

 STORAGE:

- P403+P233+P235 Store in a well-ventilated place. Keep container tightly closed. Keep cool.
- P405+P410 Store locked up. Protect from sunlight.

 DISPOSAL:

- P501 Dispose of contents, or container in accordance with local/regional/national/international regulation.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Name	CAS Number	Proportion
Moroccan Lava Clay	12417-86-6	100% w/w pure

ANIMAL TESTING:

This product has not been tested on animals and no animal bi-products have been used during the manufacturing process.

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SECTION 4 FIRST AID MEASURES

Inhalation	Remove from the exposures to fresh air. If breathing has stopped, administer artificial respiration and oxygen if available. Contact a physician as necessary.
Skin Contact	Remove any contaminated clothing and footwear. Clean before re-use. Wash affected areas thoroughly with soap and water for at least 15minutes.
Eye Contact	Flush immediately with clean water for at least 15mins. Ensure irritation under eyelids. Do not try to remove contact lenses unless trained.
Ingestion	Do not induce vomiting. Wash out mouth with water and give water slowly to dilute (as much as casualty can comfortably drink) provided person is conscious. Never give liquid to a person showing signs of being sleepy or with reduced awareness; ie becoming unconsciousness.

Advice to Doctors: Treat according to symptoms. Note the nature of this product.

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

SECTION 5 FIREFIGHTING MEASURES

- 5.1 Extinguishing media: Water spray, Dry chemical, carbon dioxide or universal-type foam; as allowable for the surrounding areas.
- 5.2 Unsuitable Extinguishing media: None established.
- 5.3 Unusual Firefighting hazards: None identified.
- 5.4 Special Procedures: Determine the need to evacuate or isolate the area according to your local emergency plan.
- 5.5 Protective Equipment: Self-contained breathing apparatus and protective clothing should be worn when fighting fire involving essential oils or chemicals.
- 5.6 Combustion products: Not applicable.

SECTION 6 ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions: Use of self-contained breathing apparatus is recommended for any major chemical spill. Refer also to section 8.
- 6.2 Safety precautions: Eliminate all ignitions sources. Ventilate area. Determine the need to evacuate or isolate the area according to your local emergency plan.
- 6.3 Environmental precautions: Keep away from drains, surface and ground water. Report spills to appropriate Authorities if required.
- 6.4 Methods for cleaning up: Contain spill and recover free product. Absorb remainder on vermiculite or other suitable absorbent material. Dampening the floor while cleaning a clay storage site may render it extremely slippery. Dry cleaning is recommended if people are required to continue working on the site. Wipe small spills with cloth. Clean with hot water and detergent. Refer also to Section 13. for disposal procedures.

SECTION 7 HANDLING AND STORAGE

- 7.1 Handling: Avoid inhalation and contact with skin and eyes. Good personal hygiene practices should be used. Wash after any contact, before breaks and meals, and at the end of the work period. Contaminated clothing and shoes should be cleaned before re-use. No smoking.
- 7.2 Storage: Containers should be kept closed in order to minimise contamination. Store in a cool, dry, well ventilated place protected from light. Keep from extreme heat and away from ALL sources of ignition. Make sure the material does not come into contact with substances listed as: "Materials to Avoid", Refer to Section 10. Store in stainless steel drums or amber glass containers. For short term storage only: epoxy phenolic lined steel drums.
- 7.3 Unsuitable Packaging Materials: None established.
- 7.4 Special Procedures: None established.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Exposure Limits
 OSHA TWA: None established. OSHA STEL: None established.
 ACGIH TWA: None established. ACGIH STEL: None established.
 NOHSC TWA: 0.1 mg/m³ [Crystalline Silica] NOHSC STEL: None established.
- 8.2 Respiratory Protection: None generally required. Use NIOSH approved respirator in confined areas or if ventilation is inadequate.
- 8.3 Ventilation Protection: Ensure adequate ventilation to keep exposure levels to a minimum. Local exhaust meeting ACGIH criteria is required. General exhaust is recommended. Please reference applicable regulations and standards for relevant details.
- 8.4 Eye Protection: Using goggles or face shield is recommended.
- 8.5 Protective Gloves: Using chemical resistant gloves is recommended.
- 8.6 Protective Clothing: Using chemical resistant clothing is recommended.
- 8.7 Protective Equipment: An eyewash fountain and/ or safety shower should be available in the work area.
- 8.8 Note: These precautions are for room temperature handling. Use at elevated temperature or aerosol / spray applications may require additional precautions.

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SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Fine powder	Solubility in Water	Not available
Odour	Characteristic	Flash Point	Not applicable
Evaporation Rate	Not available	Autoignition Temperature	Not available
Refractive index	Not available	Melting Point	Refer to Specification
Optical Rotation	Not available	Boiling Point	Not available
pH	Refer to Specification	Vapour Pressure	Not available
Solubility	Not available	Vapour Density	Not available

SECTION 10 STABILITY AND REACTIVITY

Stability	Chemically stable, hazardous material. This material presents no significant reactivity hazard
Conditions to Avoid	None established.
Materials to Avoid	Strong acids, strong alkalis and oxidizing agents.
Flammability	This product is non-combustible.
Hazardous Polymerization	Will not occur.
Hazardous Combustion	Not applicable.

SECTION 11 TOXICOLOGICAL INFORMATION

11.1 Health Hazards: Acute Effects: *Swallowed: May be harmful. Eye: May be irritating. Skin: May be irritating. Inhalation: May be harmful.*
 Chronic Effects: None identified. Mutagenic Effects: None identified.
 Reproductive Effects: None identified. Carcinogenic Effects: None identified.
 Sensitisation: None identified. Infectious: Not applicable.

11.2 Acute toxicity:

Significant Components	LD50 [Oral]	LD50 [Dermal]	LC50 [Inhalation]
Moroccan Lava Clay	Not available.	Not available.	Not available.
Ghassoul Clay	Not available.	Not available.	Not available.

11.3 Short Term toxicity: Not available.

11.4 Long Term toxicity: Not available

11.5 Human Exposure Tests: Not available

11.6 Suspected Cancer Agent:

Ingredients within this product are not found on the following lists: FEDERAL OSHA Z LIST, NTP, IARC, or CAL/OSHA and therefore are not considered to be, nor suspected to be, cancer-causing agents by these agencies.

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SECTION 12 ECOLOGICAL INFORMATION

No ecological hazards are associated with this product. It is biodegradable.

SECTION 13 DISPOSAL CONSIDERATION

Waste Material:	Place material and/ or absorbent into sealed containers and dispose of in accordance with current applicable laws and regulations. Refer to local Authority advice.
Contaminated Packaging	Dispose of in accordance with current applicable laws and regulations. Refer to local Authority advice.
Note:	Empty containers can have residues, gases and mists. Use the proper Waste Disposal Methods & Procedures for Empties as well

SECTION 14 TRANSPORT INFORMATION

Transportation:	Not Dangerous Goods according to criteria of the Australian Dangerous Goods Code for Transport by Road and Rail. No special transport required. Not to be transported with Classes 1 [Explosives], 4.2 [Spontaneously Combustible Substances], 5.1 [Oxidising Agents], 5.2 [Organic Peroxides], 7 [Radioactive Substances], and Foodstuffs or Foodstuff empties.	
UN Number:	Not allocated.	
Proper Shipping Name	Not Regulated.	
Technical Shipping Name	Not applicable	
DG Class I Subsidiary Risk	Not allocated.	
Label(s)	Not allocated.	
Packaging Group	None established.	
Special Precautions	Not allocated.	
Maritime Transportation IMDG	Not allocated.	
Air Transportation ICAO-TI and IATA-DGR	Not allocated.	

SECTION 15 REGULATORY INFORMATION

15.1 Listing of the components on individual country Chemical Inventories is as follows:

Australian Inventory of Chemical Substances (AICS): Listed
 Korean Existing Chemicals List (ECL): Listed
 Japanese Existing National Inventory of Chemical Substances (ENCS): Listed
 Philippines Inventory of Chemicals and Chemical Substances (PICCS): Listed
 U.S. TSCA: Listed.

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 Safety Data Sheets

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