



Certificate of Analysis

PRODUCT DETAILS			
Product Name	GHASSOUL CLAY		
Product Code	CLAYGHAS		
Tariff Number	25084000		
Country of Origin	Morocco		
Batch Number	4368503		
Best Before End	August 2022		
Identification	CAS No: NA	EC No: 2508.20.10	
PHYSICAL AND CHEMICAL CHARACTERISTIC			
	SPECIFICATION RANGE		RESULTS
Appearance	Powder		Conforms
Colour	Light brown		Conforms
Odour	Characteristic		Conforms
COMPOSITION		MICRO-BIOLOGICAL PROFILE	
RANGE	RESULTS	RANGE	RESULTS
Silica (SiO ₂)' 50-60%	59%	Total Aerobic Count <100 cfu/g	Conforms
Aluminium Oxide (Al ₂ O ₃) 4% max	2%	Mold & Yeast <10 cfu/g	Conforms
Ferric Oxide (Fe ₂ O ₃) 0-2%	0.5%	Escherichia coli <10 cfu/g	ND
Potassium Oxide (K ₂ O) Not specified	NA	Salmonella Negative/25 grams	Conforms
Magnesium Oxide (MgO) 22-26%	25%		
STORAGE AND SHELF LIFE			
Storage	Store in tightly closed container with minimum headspace in a cool, dark and dry place away from humidity.		

DISCLAIMER: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the Company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the users responsibility to satisfy himself as to the suitability of such information for his own particular use. Where MADAR Corporation make a declaration that allergenic material are not present in any product, this statement is made assuming reasonable levels of detection. It is impossible to guarantee the "absolute absence" of any material. It is the ultimate responsibility of the customer to ensure the safety of the intended final product containing this material, by carrying out additional tests if necessary.

Issue No: 1
24/06/2019



Issued date 09/05/2019

MATERIAL SAFETY DATA SHEET

GHASSOUL CLAY

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name: GHASSOUL
Product Use: Personal Care Formulations
Company Name: MADAR Corporation Limited
Company Address: 19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA

2. COMPOSITION/INGREDIENT INFORMATION

COMPOSITION	CONCENTRATION (%)
SiO ₂ :	54 – 65%
MgO:	20 - 27%
Al ₂ O ₃ :	<5%
CaO:	<3%
FeO ₃ :	<2%
Hazardous Components:	None
CAS #:	EINECS-No.: 2508.20.10
	INCI Name: Moroccan Lava Clay

3. HAZARDS IDENTIFICATION

Routes of Entry

Eye Contact: No available data
Skin Contact: No hazard
Ingestion: No available data
Inhalation: May cause mild irritation

4. FIRST AID MEASURES

Eyes: Flush with cold water and seek medical attention if irritation persists
Skin: N/A
Ingestion: No available data
Inhalation: If product is inhaled, remove to fresh air and call a physician if symptoms persist
Medical Conditions Generally Aggravated by Exposure: None



14. TRANSPORT INFORMATION

DOT:	Not restricted
IATA:	Not restricted
IMDG:	Not restricted

15. REGULATORY INFORMATION

This cosmetic ingredient is exempt from TSCA

16. ADDITIONAL INFORMATION

This information is provided for documentation purposes only.
This product is not considered hazardous.

The complete range of conditions or methods of use are beyond our control therefore we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate however, all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user.

This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers.



Ghassoul Clay Moroccan Lava Clay

Specifications

Chemical Analysis

Appearance:
Odor:
pH:
Density:
Cation Exchange Capacity:
Mg⁺⁺:
Na⁺⁺:
K⁺:
Ca⁺⁺:

Specifications

Light brown powder
None
Neutral
1.7
Not Specified
Not Specified
Not Specified
Not Specified
Not Specified

Silica (SiO₂):
Aluminum Oxide (Al₂O₃):
Calcium (CaO):
Ferric Oxide (Fe₂O₃):
Potassium Oxide (K₂O):
Magnesium Oxide (MgO):
Sodium Oxide (Na₂O):
Manganese Oxide (MnO):
P_Feu:
Titanium Dioxide (TiO₂):

50-60%
4% Max
0-2%
0-2%
Not Specified
22-26%
Not Specified
Not Specified
Not Specified
Not Specified

Arsenic:
Lead:
Antimony:
Mercury:
Cadmium:

Not Specified
Not Specified
Not Specified
Not Specified
Not Specified

Total Aerobic Count:
Mold & Yeast:
Escherichia coli:
Salmonella:

< 100 cfu/g
< 10 cfu/g
< 10 cfu/g
Negative/25 grams

Shelf Life: 5 years or more when stored in unopened, sealed containers, away from humidity.

Date: 09/05/2019