

Certificate of Analysis

| Product Name | GHASSOUL CLAY | | | | | |
|-------------------------------------|--|------------|--------------------------------|--|--|--|
| Product Code | CLAYGHAS | | | | | |
| Tariff Number | 25084000 | | | | | |
| Country of Origin | Morocco | | | | | |
| Batch Number | 4406410 | | | | | |
| Best Before End | August 2023 | | | | | |
| | | | | | | |
| Identification | CAS No: NA EC No: 2508.20.10 | | | | | |
| PHYSICAL AND CHEMICAL CHA | ARACTERISTIC | | | | | |
| | SPECIFICATION RANGE | | RESULTS | | | |
| Appearance | Powder | | Conforms | | | |
| Colour | Light brown | | Conforms | | | |
| Odour | Characteristic | | Conforms | | | |
| Density | 1.7 | | 1.7 | | | |
| СОМРО | ITION | | MICRO-BIOLOGICAL PROFILE | | | |
| RANGE | RESULTS | | RANGE | | | |
| Silica (SiO2)' 50-60% | Conforms | Total Aero | Total Aerobic Count <100 cfu/g | | | |
| Aluminium Oxide (Al2O3) 4% max | Conforms | Mold & Ye | Mold & Yeast <10 cfu/g | | | |
| Ferric Oxide (Fe2O3) 0-2% | Conforms | Escherichi | Escherichia coli <10 cfu/g | | | |
| Potassium Oxide (K2O) Not specified | Conforms | Salmonella | Salmonella Negative/25 grams | | | |
| Magnesium Oxide (MgO) 22-26% | Conforms | | | | | |
| STORAGE AND SHELF LIFE | | | | | | |
| Storage | Store in tightly closed container with minimum headspace in a cool, dark and dry pla | | | | | |
| | away from humidity. | · | | | | |
| Shelf Life | 60 months or more when stored as above. | | | | | |

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 19-20 Sandleheath Industrial Estate, Fordingbridge,

Address: Hampshire, SP6 1PA

2. COMPOSITION/INGREDIENT INFORMATION

COMPOSITION CONCENTRATION (%)

 SiO2:
 54 - 65%

 MgO:
 20 - 27%

 Al2O3:
 <5%</td>

 CaO:
 <3%</td>

 FeO3:
 <2%</td>

 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:



5. FIRE FIGHTING MEASURES

Not Applicable Product will not burn

6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

Personal Precautions: None Environmental Precautions: None

Methods for Cleaning Up: Sweep up spilled material.

7. HANDLING AND STORAGE

Storage & Handling

Requirements for Storage Areas and

Containers:

Store in a dry and ventilated area.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Eye: Splash goggles or face shield may be worn

Skin/Body: Not required

Respiratory: Not needed under normal conditions of use.

Other: Evaluate need based on application.

Work/Hygiene Practice: Maintain good manufacturing practices

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Fine powder
Color: Light Brown
Odor: Characteristic
pH: 6.9 (in water)

10. STABILITY AND REACTIVITY

Stability: Stable
Incompatibility (Materials to Avoid): None
Hazardous Decomposition or
Byproducts: N/A
Conditions to Avoid: N/A
Hazardous Polymerization: N/A

11. TOXICOLOGICAL INFORMATION

Non Toxic

12. ECOLOGICAL INFORMATION

No information

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods: In accordance with local, state and federal regulations.



| 14. | TRA | NSPO | ORT | INFO | RMA | TION |
|-----|-----|------|-----|------|-----|------|
| | | | | | | |

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.

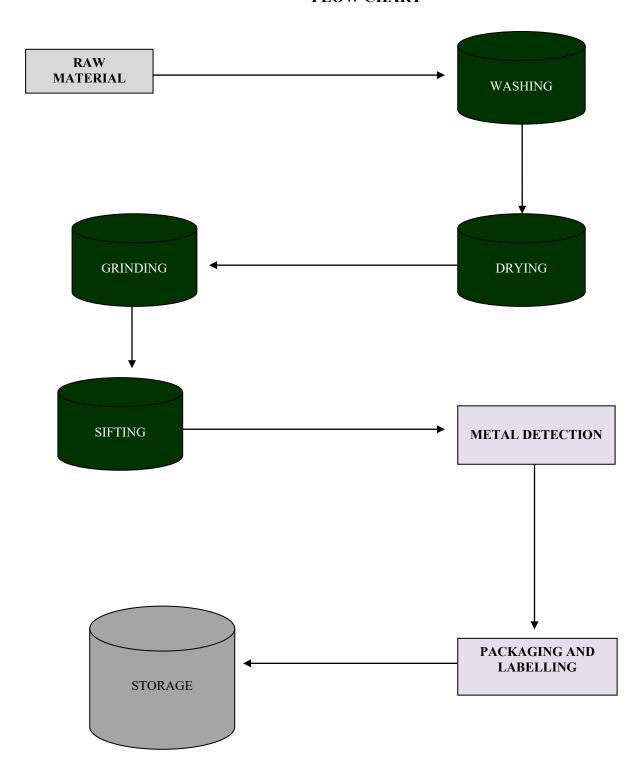
This product is not considered hazardous.

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.



PROCESSING – RHASSOUL CLAY (GHASSOUL) FLOW CHART



BiOrigins, 19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK Tel: 01425 655555 Email: technical@madarcorporation.co.uk



MATERIAL SAFETY DATA SHEET

GHASSOUL CLAY

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name: RHASSOUL

Product Use: Personal Care Formulations
Company Name: Madar Corporation Limited

Company Address: 19 20 Sandleheath Industrial Estate, Fordingbridge,

Hampshire SP6 1PA

Issued date 09/05/2019

2. COMPOSITION/INGREDIENT INFORMATION

COMPOSITION CONCENTRATION (%)

SiO2: 54 - 65% MgO: 20 - 27% Al2O3: <5% CaO: <3% FeO3: <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:



5. FIRE FIGHTING MEASURES

Not Applicable Product will not burn

6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

Personal Precautions: None Environmental Precautions: None

Methods for Cleaning Up: Sweep up spilled material.

7. HANDLING AND STORAGE

Storage & Handling

Requirements for Storage Areas and

Containers:

Store in a dry and ventilated area.

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Eye: Splash goggles or face shield may be worn

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Waste Disposal Methods: In accordance with local, state and federal regulations.



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.

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PRODUCT DETAILS Product Name RHASSOUL CLAY (GHASSOUL) **Product Code** Tariff Number 25084000 Country of Origin Morocco INCI Name Moroccan Lava Clay We hereby declare to the best of our knowledege and from information received from our supplier that **Natural Status** is product is 100% pure and natural. Food Grade Status Not applicable Kosher Certified No but can be added Halal Certified We hereby delclare, from information received from our supplier, that this product does not contain any ingredient derived from animal origin, extracted from hair or feathers, animal fats, animal extracts, bloods of any origin, blood plasma, pork and/or other meat products. This product does not contain any alcohol (ethanol or grain alcohol) and has not been used in the manufacturing process. To the best of our knowledge and from information received from our supplier, this product does not **GMO** Declaration derive from genetically modified starting raw material, or additives that are derived from genetically modifed organisms. Identification CAS No: NA EC No: 2508.20.10 PHYSICAL AND CHEMICAL CHARACTERISTIC Powder **Appearance** Colour Light brown Odour Characteristic Density 1.7 COMPOSITION **MICRO-BIOLOGICAL PROFILE** Silica (SiO2) 50-60% **Total Aerobic Count** <100 cfu/g Aluminium Oxide (Al2O3) 4% max Mold & Yeast <10 cfu/g Ferric Oxide (Fe2O3) 0-2% Escherichia coli <10 cfu/g Not specified Negative/25 grams Potassium Oxide (K2O) Salmonella Magnesium Oxide (MgO) 22-26% FRAGRANCE ALLERGENS NONE **FOOD ALLERGENS** NONE **IFRA** NONE STORAGE AND SHELF LIFE Store in tightly closed container with minimum headspace in a cool, dark and dry place away Storage from humidity. Shelf Life 60 months or more when stored as above.

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Vegan and Vegetarian Statement

| IDENTIFICATION | | | | |
|----------------|---------------|--|--|--|
| Product: | Ghassoul Clay | | | |
| Cas No: | NA | | | |
| EINECS No: | 2508-20-10 | | | |
| STATEMENT | | | | |

We, Madar Corporation Limited, from information received from our supplier, hereby declare that the material listed above is compliant with a vegan or vegetarian diet.

It does not contain any animal ingredients or animal by products. No animal ingredients or by products are used in the manufacturing process.

This document represents to the best of our knowledge and from information received from our supplier. It does not release the buyer from the obligation to carry out an examination of the goods received. All uses made by the buyer are done under their own responsibility.