



Rhassoul Clay INCI: Moroccan Lava Clay

Specification Sheet

Rhassoul or Ghassoul clay is a pure natural mineral product called Moroccan Stevensite, the main component being magnesium silicate. The crystalline structure is similar to other minerals belonging to the Stevensite and Montmorillonites group. Density is roughly 1.7 in the pycnometer.

Rhassoul is a sedimentary formation tertiary and has a lake origin. Once extracted, the clay is washed with water to eliminate impurities, then spread out to be sun dried. The product is then purified and powdered. No solvents or diluents are used in the processing.

Parameters

Appearance:

Color:

Odor:

Specifications

Powder

Dark Beige to Pale Brown

None

Chemical Components:

Silica (SiO₂)

54-65%

Magnesium Oxide (MgO)

20-27%

Aluminum Oxide (Al₂O₃)

<5%

Calcium (CaO)

<3%

Iron Oxide (Fe₂O₃)

<2%

Microbiological Analysis:

Total aerobic bacteria/g:

Less than 100

Total mold & yeast/g:

Less than 10

Escherichia coli:

Not detected

Salmonella:

Not detected

Pseudomonas aeruginosa:

Not detected

Staphylococcus aureus:

Not detected

Date: 05/20/08 (revised)

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