



# BioProGreen

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MOROCCO

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## MATERIAL SAFETY DATA SHEET (PIF - product information file) / RHASSOUL

Prepared to US OSHA, CMA, ANSI, Canadian WHMIS Standards, Australian WorkSafe, Japanese Industrial Standard

JIS Z 7250 :2000, and European Directives

Date of creation of this sheet : 01/10/2007

Date of revision : 18/02/16

### 1. Company details :

**Company :** Oriental Group

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### 2 Product identification and composition :

Chemical Identifications : Powder

Synonyms : Rhassoul, Moroccan White

FEMA No : Not available

Composition : mined beige powder from Morocco

INCI Name	WT%	CAS No	EINECS No	Hazard Classification	Risk Phrases
Moroccan Lava Clay	100 %	12417-86-6	Not listed	Skin Irrit. 3, Eye Irrit. 2B, STOT SE 3 (Resp)	R36, R37, R38

Note : All WHMIS required information is included in appropriate sections based on the ANSI Z400.1-2010 format. This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR, EU Directives and the Japanese Industrial Standard JIS Z 7250 :2000

### EU Labeling and Classification :

This product does meet the definition of a hazardous substance or preparation as defined by the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives.

### 3. Hazard identification

3.1 Physical - Chemical Hazards :

**Explosion** : None identified.

**Flammable** : This product is non-combustible.

**Oxidizing** : Not applicable.

**Toxic** : None identified.

**Radioactive** : Not applicable.

**Corrosive** : None identified.

**Miscellaneous** : None identified.

3.2 **Environmental Hazard** : None identified.

3.3 **Health Hazards**

**Acute Effects Swallowed** : May cause abdominal pain, maybe harmful.

Excessive ingestion of liquid can cause gastric distress and mild diarrhoea.

**Eye** : Essentially non-hazardous

**Skin** : Essentially non-hazardous

**Inhalation** : May be harmful.

**Chronic Effects** : Essentially non-hazardous

**Mutagenic Effects** : Essentially non-hazardous

**Reproductive Effect** : None identified.

**Carcinogenic Effects** : None identified.

**Sensitisation** : None identified.

**Infectious** : Not applicable.

**HAZARD RATE :**

**HEALTH** : 0

**FLAMMABILITY** : 0

**REACTIVITY** : 0

**PERSONAL PROTECTION** : 0

0 = Insignificant

1 = Slight

2 = Moderate

3 = High

4 = Extreme

**3.4 Label Elements :**

All labeling complies with the EU regulations. No chemicals or nanoparticles are used in this product.

**ANIMAL TESTING :**

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

**4. First aid measures**

**4.1 Eye Contact :** Flush immediately with clean water for at least 15 minutes.

Ensure irrigation under eyelids. Do not try to remove contact lenses unless trained.

Contact a physician as necessary.

**4.2 Skin Contact :** Remove any contaminated clothing and footwear.

Clean before re-use. Wash affected areas thoroughly with soap and water for at least 15 minutes.

Contact a physician as necessary.

**4.3 Inhalation :** Remove from the exposure to fresh air. If breathing has stopped, administer artificial respiration and oxygen if available.

Contact a physician as necessary.

**4.4 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 ; i.e. becoming unconsciousness.

Contact a physician or local poison control centre immediately.

If vomiting occurs, lean patient forward or place on left side [headdown position, if possible] to maintain open airway and prevent aspiration.

**4.5 Advice to Doctor :** Treat symptomatically. Note the nature of this product.

### **5. Fire - Fighting measures**

**5.1 Extinguishing Media :** Use CO2 Dry Powder or Foam type Extinguishers, spraying

**Recommended :** extinguishing media to base of flames. Do not use direct water jet on burning material.

**5.2 Special Measures :** Keep away from sources of ignition. Do not smoke.

Wear protective clothing.

**5.3 Extinguishing procedures :** Closed containers may built up pressure when exposed to heat and should be cooled with water spray.

### **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 :** 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.

Wipe small spills with cloth. Clean with hot water and detergent. Refer also to Section 13 for disposal procedures.

### **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.

**7.2 Storage :** Not a hazardous material. Not a Scheduled Poison.

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. Do not allow product to solidify in filled, closed containers as product expands upon freezing.

**7.3 Unsuitable Packaging Materials** : None established.

**7.4 Special Procedures** : None established.

## **8. Exposure controls and personal protection**

**Ventilation and Engineering Controls** : Use with adequate ventilation to ensure exposure levels are maintained below the limits provided above.

The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standard of Canada, or standards of EU member states (including EN 149 for respiratory PPE, and EN 166 for face/eye protection), and those of Japan. Please reference applicable regulations and standards for relevant details.

### **Respiratory Protection :**

Not required for properly ventilated areas. Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. State standards, Canadian CSA

Standard Z94.4-93, the European Standard EN149, or EU member states.

### **Eye Protection :**

Safety glasses or goggles are recommended.

If necessary, refer to U.S. OSHA 29 CFR 1910.133, Canadian Standards, and the European Standard EN166,

Australian Standards, or relevant Japanese Standards.

### **Hand Protection :**

Chemical resistant gloves are recommended to prevent skin contact.

If necessary, refer to U.S. OSHA 29 CFR 1910.138, the European Standard DIN EN 374, the appropriate Standards of Canada, Australian Standards, or relevant Japanese Standards.

### **Body Protection :**

Use body protect appropriate to task being performed.

If necessary, refer to appropriate Standards of Canada, or appropriate Standards of the EU, Australian

Standards, or relevant Japanese Standards.

If a hazard of injury to the feet exists due to falling objects, rolling objects, where objects may pierce the soles of the feet or where employee's feet may be exposed to electrical hazards, use foot protection, as described in U.S. OSHA 29 CFR 1910.136.

## **9. Physical data and chemical properties**

### **9.1 General information :**

**Appearance (Physical State and Color)** : This product is a grayish to brownish fine powder **Odor:**

Odorless

**Odor Threshold** : Not Available

**PH** : 6-9

**Melting/Freezing Point** : >1500°C  
**Boiling Point** : Not Available  
**Flash Point** : Not Applicable  
**Evaporation Rate** : Not Available  
**Flammability (Solid ; Gas)** : Not Available  
**Upper/Lower Flammability or Explosion Limits** : Not Available  
**Vapor Pressure (mm Hg @ 20°C (68° F))** : Not Available  
**Vapor Density** : Not Available  
**Relative Density** : Not Available  
**Specific Gravity** : Not Available  
**Solubility in Water** : Insoluble  
**Weight per Gallon** : Not Available  
**Partition Coefficient (n-octanol/water)** : Not Available  
**Auto-Ignition Temperature** : Not Available  
**Decomposition Temperature** : Not Available  
**Viscosity** : Not Available

#### 10. Stability and Reactivity

The product is stable non-reactive. Avoid strong oxidising agents.

#### 11. Toxicological information

##### **11.1 Information on Toxicological Effects : Toxicity**

**Data** : No data available

##### **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.

##### **Irritancy :**

**Skin** : May cause irritation.

**Eyes** : May cause irritation.

**Inhalation** : May cause irritation.

**Sensitization to the Product** : This product is not expected to cause skin sensitization.

**Reproductive Toxicity** : No specific information is available concerning the effects of this product and its components on the human reproductive system.

#### 12. Ecological information

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

### 13. Disposal considerations

Dispose of according to local, state and federal regulations.

### 14. Transport information

Non Hazardous / Non-flammable - No shipping restrictions according to ADR (road, directive 94/55/CE), RID (rail, directive 96/49/CE), IMDG (sea), ICAO/IATA (air).

### 15. Regulatory information

#### **15.1 Safety, Health and Environmental Regulations Specific for the Substance or Mixture :**

##### **United States Regulations :**

**U.S. SARA Reporting Requirements :** The components of this product are subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act as follows : None

**U.S. SARA Threshold Planning Quantity :** There are no specific Threshold Planning Quantities for the components of this product. The default Federal MSDS submission and inventory requirement filing threshold of 10,000 lbs (4,540 kg) therefore applies, per 40 CFR 370.20.

**U.S. CERCLA Reportable Quantity :** None

**U.S. TSCA Inventory Status :** The components of this product are listed on the TSCA Inventory or are exempted from listing.

**Other U.S. Federal Regulations :** None known

**California Safe Drinking Water and Toxic Enforcement Act (Proposition 66) :** This product does not contain ingredients on the Proposition 65 Lists.

##### **15.2 Canadian Regulations :**

**Canadian DSL/NDSL Inventory Status :** Components are DSL Listed, NDSL Listed and/or are exempt from listing

**Other Canadian Regulations :** Not applicable

**Canadian Environmental Protection Act (CEPA) Priorities Substances Lists :** This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

**Canadian WHMIS Classification and Symbols :** This product is a D2B, Materials causing other toxic effects, per WHMIS Controlled Product Regulations.

##### **15.3 European Economic Community Information :**

This product meets the definition of a hazardous substance or preparation as defined by the European Union Council Directives 67/548/EEC, 1999/45/EC, 1272/2008/EC and subsequent Directives.

**Chemical Safety Assessment :** No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

#### **15.4 Australian Information for Product :**

Components of this product are listed on the International Chemical Inventory list.

#### **15.5 Japanese Information for Product :**

Japanese Minister of International Trade and Industry (MITI) Status : The components of this product are not listed as Class I Specified Chemical Substances, Class II Specified Chemical Substances, or Designated chemical Substances by the Japanese MITI.

#### **15.6 International Chemical Inventories :**

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

### **16. Packaging**

#### **TYPE SUITABILITY :**

**Glass :** Yes

**Lacquer lined/Steel/Tin :** Yes

**Aluminium :** Yes

**HPPE :** Yes

**F/HDPE :** Yes

**Other Plastic :** Be aware of using Acrylics due to oil leakage

### **17. Disclaimer**

The customer should satisfy themselves that the product is suitable for the intended purpose, and that a suitable and sufficient assessment of any risks created by any activity using this product is undertaken before use.

The information above is based upon our current state of knowledge about the product at the time of publication. The data is given in good faith and is designed only as guidance to users of possible risks. This safety sheet cannot cover all possible situations which the user may experience during processing. We do not assume any responsibility and expressly disclaim any liability for any use of this product.