



Safety Data Sheet

Dark Red Brazilian Clay

September 2016

Section 1: Chemical Product and Company Identification

Product name: Dark Red Brazilian Clay
Contact Info: Bramble Berry Inc.
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Bellingham, WA 98225
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www.brambleberry.com
1-877-627-7883

Emergency Phone Number:
Within USA & Canada: 1.800.424.9300 CCN693143
Outside USA & Canada: +1.703.527.3887 (collect calls accepted)

Section 2: Hazards Identification

2.1 Classification of the substance or mixture

Product not classified as dangerous by the classification system used.

Regulation (EC) N° 1272/2008 of the European Parliament and of the Council of 16 December 2008

2.2 Label elements

Symbol: Not applicable

Indications of Danger: Not applicable

Hazard Statement: Not applicable

2.3 Other Hazards

This product does not have any other hazards.

Section 3: Composition/Information on Ingredients

3.1

Substance or Mixture: Substance

Product Identifiers:

Kaolin

EC n°: 310-194-1

CAS n°: 1332-58-7

Components contributing to the hazard: Does not present components that contribute to the hazard.

Section 4: First Aid Measures

4.1 Description of first aid measures

Inhalation: Remove exposed person to fresh air.

Eye Exposure: Rinse thoroughly with water for several minutes. In the case of contact lenses, remove them, if it is easy. In case of eye irritation: Consult a doctor. Take this SDS.

Skin Exposure: Wash exposed skin with enough water to remove the material.

Ingestion: Do not induce vomiting. Rinse the victim's mouth with water in abundance. Call a poison center or doctor if you feel unwell. Take this SDS.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms: Repeated exposure to high concentrations of the product may cause damage to the respiratory system with pneumococicose. Direct contact with the product may cause mild eye irritation with tearing and redness, by mechanical effects.

4.3 Indication of any immediate medical attention and special treatment needed Treatment:

If necessary, provide symptomatic treatment.

Section 5: Fire-Fighting Measures

5.1 Extinguishing media

Suitable: Carbon dioxide (CO₂), Dry chemical, Foam.

Unsuitable: Do not use a direct water jet on burning material.

5.2 Special hazards arising from the substance or mixture

The combustion of the chemical products or containers may form toxic and irritating gases such as carbon monoxide and carbon dioxide.

5.3 Advice for firefighters

Use self-contained breathing apparatus (SCBA) operated in positive pressure mode and complete protective clothing that provides protection against heat. Containers and tanks involved in the fire should be cooled with water mist.

Section 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Do not smoke. Avoid exposure to the product. If necessary, use personal protective equipment as described in section 8.

For emergency responders: Use full PPE with safety goggles, safety gloves, suitable safety clothing such as long sleeves to minimize skin contact and closed shoes. In case of leakage, where exposure is large, the use of respiratory protective mask with filter against dusts is recommended.

6.2 Environmental precautions

Avoid spillage reaches watercourses and sewerage systems.

6.3 Methods and materials for containment and cleaning up

Collect the product with a clean shovel or another instrument that does not disperse the product. Put the material into appropriate containers and remove them to a safe place. For final destination, proceed to pursuant to section 13 of the SDS.

6.4 Reference to other sections

Do not dispose directly into the environment or into the sewage system. The products resulting from fire control may cause pollution.

Section 7: Handling and Storage

7.1 Precautions for safe handling

Handle in a well ventilated area or with general system of ventilation/local exhaust. Avoid dusts formation. If necessary, use personal protective equipment as indicated in Section 8.

Wash hands and face thoroughly after handling and before eating, drinking, smoking or using the toilet.

7.2 Conditions for safe storage, including any incompatibilities

Store in a well ventilated place away from sunlight. Keep container closed. Keep stored at room temperature.

Recommended packaging materials: Similar to original packaging.

Section 8: Exposure Controls/Personal Protection

8.1 Control parameters

Occupational Exposure Limits:

Chemical Name	TLV – STEL (ACGIH, 2014)
Kaolin	2 mg/m ³ (E,R)

(E) This value is for particulate matter containing no asbestos and < 1% crystalline silica.

(R) Respirable fraction.

Biological limit: Not established

Recommended monitoring procedures: There are not available sufficient data to calculate this product's DNEL or PNEC.

8.2 Exposure controls – Appropriate engineering controls:

Promote direct mechanical ventilation and exhaust system to the outside environment. These measure help reduce exposure to product. Maintain atmospheric concentrations of the constituents of the product below occupational exposure limits indicated.

8.3 Individual protection measures, such as Personal protective equipment

Eye protection: Safety goggles with side shield

Respiratory protection: Respiratory protective equipment against dust.

Skin protection: Protective gloves. Full protective clothing such as long sleeves to minimize skin contact.

Thermal Hazards: It does not present thermal hazards.

Environmental exposure control: The dilution water from the fire-fighting may cause pollution.

Section 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance: Dark Red Powder.

Odor: Characteristic

pH: Not available

Melting Point: Not determined

Freezing Point: Not determined

Boiling Point: Not determined

Flashpoint (CCCFP): Not determined

Explosive Properties: None Expected

Oxidizing properties: None Expected

Vapor Pressure (mmHg@20 C):Not available

Vapor Density: Not available

Relative density: Not available

Partition coefficient: N-octanol/water: Not available

Auto-ignition temperature: Not available

Decomposition temperature: Not available

Viscosity: Not available

Explosive properties: Not available

Oxidizing properties: Not available

Soluble in: Insoluble

Section 10: Stability and Reactivity

10.1 Reactivity None

10.2 Chemical stability Stable

10.3 Possibility of hazardous reactions None known

10.4 Conditions to avoid High temperatures

10.5 Incompatible materials None known

10.6 Hazardous decomposition products None known

Section 11: Toxicological Information

11.1 Toxicological Effects

Acute toxicity: It is not expected that the product presents acute toxicity

Skin corrosion / irritation: It is not expected that the product present skin corrosion/irritation

Serious eye damage / irritation: Direct contact with the product may cause mild eye irritation by mechanical effects with tearing and redness.

Respiratory or skin sensitization: It is not expected that the product present respiratory or skin sensitization.

Germ cell mutagenicity: It is not expected that the product presents reproductive cell mutagenicity.

Carcinogenicity: It is not expected that the product presents carcinogenicity

Reproductive toxicity: It is not expected that the product presents reproductive toxicity.

Specific target organ toxicity - single exposure: It is not expected that the product presents specific target organ toxicity by single exposure.

Specific target organ toxicity - repeated exposure: Repeated exposure to high concentrations of the product may cause damage to the respiratory system pneumococicose

Aspiration hazard: It is not expected that the product presents aspiration hazard.

Interactive effects: There are not known substances capable of producing interactive effects with the product.

Other information: Not applicable

Section 12: Ecological Information

12.1 Toxicity

It is not expected that the product presents ecotoxicity.

12.2 Persistence and degradability: Due to the lack of data, it is expected that the product presents persistence and it is not considered readily biodegradable.

12.3 Bioaccumulative potential: It is not expected that the product presents bioaccumulative potencies in aquatic organisms.

12.4 Mobility in soil: No data available.

12.5 Other adverse effects: There are not known adverse environmental effects of the product.

Section 13: Disposal Conditions

13.1 Waste treatment methods

The treatment and disposal should be evaluated for each specific product. Keep the product remains in its original and properly closed. Disposal should be performed as established for the product. Do not reuse empty containers. These may contain product residues and should be kept closed and sent for proper disposal as established for the product.

Section 14: Transport Information

Land	UN – “United Nations” European Agreement concerning the International Carriage of Dangerous Goods by Road – ADR
Sea	IMO – International Maritime Organization International Maritime Dangerous Goods Code (IMDG Code)
Air	IATA – International Air Transport Association Dangerous Goods Regulation (DGR)
UN Number	Not classified as hazardous to transport in the different modals.
Transport in bulk according to MARPOL 73/78, Annex II, and the IBC Code:	Consult regulations: - International Maritime Organization. MARPOL: Articles, protocols, annexes, unified interpretations of the International Convention for the Prevention of Pollution from Ships, 1973, as modified by the Protocol of 1978 relating thereto, consolidated edition. IMO, London, 2006; - International Maritime Organization. IBC code: International code for the construction and equipment of shipping carrying dangerous chemicals in bulk: With Standards and guidelines relevant to the code. IMO, London, 2007.
Special Precautions	There is no need of special precautions.

Section 15: Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture: Convention concerning Safety in the use of Chemicals at Work (Convention 170) – International Labour Organization, 1990 Regulation (EC) N° 1272/2008 of the European Parliament and of the Council of 16 December 2008.

Chemical safety assessment: Not available

Section 16: Other Information

This SDS was prepared based on current knowledge about the proper product handling and under normal conditions of use, in accordance with the application specified on the packaging. Any other use of the product involving their combination with other materials, and use various forms of those indicated, are the responsibility of the user. Warns that the handling of any chemical substance requires the prior knowledge of its hazards for the user. In the workplace it is for the user company's product promotes training of its employees about the possible risks arising from exposure to the chemical.

SDS elaborated in November, 2015.

Abbreviations:

ACGIH – American Conference of Governmental Industrial Hygienists

CAS – Chemical Abstracts Service

EC – European Commission



BRAMBLE BERRY

HANDCRAFT PROVISIONS

EEC – European Economic Community

LC50 – Lethal Concentration 50%

TLV – Threshold Limit Value

TWA – Time Weighted Average

vPvB – Very persistent and very Bioaccumulative

Y – Yes

Bibliographic references:

ACGIH - AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS. Available at:

<<http://www.acgih.org/TLV/>>. Access in: November, 2015.

EPA USA. 2011. EPI Suite™ for Microsoft® Windows, v 4.10. United States: Environmental Protection Agency, Washington. 2011. Available at: <<http://www.epa.gov/oppt/exposure/pubs/episuite.htm>>. Access in: November, 2015.

HSDB - HAZARDOUS SUBSTANCES DATA BANK. Available at: <<http://toxnet.nlm.nih.gov/cgibin/sis/htmlgen?HSDB>>. Access in: November, 2015.

IARC - INTERNATIONAL AGENCY FOR RESEARCH ON CANCER. Available at:

<<http://monographs.iarc.fr/ENG/Classification/index.php>>. Access in: November, 2015.

IPCS - INTERNATIONAL PROGRAMME ON CHEMICAL SAFETY – INCHEM. Available at:

<<http://www.inchem.org/>>. Access in: November, 2015.

IUCLID - INTERNATIONAL UNIFORM CHEMICAL INFORMATION DATABASE. [S.I.]: European chemical

Bureau. Available at: <<http://ecb.jrc.ec.europa.eu>>. Access in: November, 2015.

NIOSH - NATIONAL INSTITUTE OF OCCUPATIONAL AND SAFETY. International Chemical Safety

Cards. Available at: <<http://www.cdc.gov/niosh/>>. Access in: November, 2015.

NITE-GHS JAPAN - NATIONAL INSTITUTE OF TECHNOLOGY AND EVALUATION. Available at:

<http://www.safe.nite.go.jp/english/ghs_index.html>. Access in: November, 2015.

REACH - REGISTRATION, EVALUATION, AUTHORIZATION AND RESTRICTION OF CHEMICALS.

Commission Regulation (EC) No 1272/2008 of 16 December 2008, amending and repealing Directives

67/548/EEC and 1999/45/EC. Available at: <<http://eurlex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2008:353:0001:1355:en:PDF>>. Access in: November,

2015.

TOXNET - TOXICOLOGY DATA NETWORKING. ChemIDplus Lite. Available at:

<<http://chem.sis.nlm.nih.gov/>>. Access in: November, 2015.

U.S. ENVIRONMENTAL PROTECTION AGENCY. ECOSAR - Ecological Structure-Activity Relationships.

Version 1.11. Available at: <<http://www.epa.gov/oppt/newchems/tools/21ecosar.htm>>. Access in: November, 2015.