

SAFETY DATA SHEET

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Die in diesem Produktdatenblatt genannten Spezifikationen dienen nur zur Produktbeschreibung und beziehen sich auf den Zeitpunkt unmittelbar nach der Produktion bzw. Import des Produktes. Sie entsprechen den Angaben des Herstellers. Eine rechtsverbindliche Zusicherung bestimmter Eigenschaften oder der Eignung für einen bestimmten Einsatzzweck kann hieraus nicht abgeleitet werden. Durch unsachgemäßen Transport und / oder unsachgemäße Lagerung können sich Änderungen ergeben. Die Angaben in diesem Produktdatenblatt entbinden den Verarbeiter nicht von eigener Prüfung der Eigenschaften des Produktes und dessen Eignung für die vorgesehene Verwendung.

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)

1048000 Bohemian Green Earth, refined

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Version: 2

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1. Identification of the Substance/Mixture and of the Company/Undertaking**1.1. Product Identifier***Product Name:* Bohemian Green Earth, refined*Article No.:* 1048000, 1048120**1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against***Identified uses:*

Coloring agent

*Uses advised against:***1.3. Details of the Supplier of the Safety Data Sheet (Producer/Importer)***Company:* Deffner & Johann GmbH*Address:* Mühläckerstraße 13*Tel./Fax.:* DE-97520 Röthlein*Internet:* <https://deffner-johann.de/de/>*E-Mail:* info@deffner-johann.de*Importer:***1.4. Emergency No.**

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Emergency No.: Tel: +49 (0) 9723 9350-0**2. Hazards Identification****2.1. Classification of the Substance or Mixture***Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)**This product does not require classification and labelling as hazardous according to CLP/GHS.**Classification according to Directive No. 67/548/EC or No. 1999/45/EC**The material is not subject to classification according to EC lists.**Safety Phrases:**Possible Environmental Effects:*

See Section 12.

2.2. Label Elements*Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)**This product does not require classification and labelling as hazardous according to CLP/GHS.**Hazard designation:*

Not applicable.

*Signal word:**Hazard designation:**Safety designation:**rdous components for labelling:***Haza**

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2.3. Other Hazards**3. Composition/Information on Ingredients****3.1. Substance****3.2. Mixture***Does not contain any hazardous components.**Chemical Characterization:**Mixture of natural green earth, iron oxides and chromoxide green.**Information on Components / Hazardous Ingredients:**Additional information:***4. First Aid Measures****4.1. Description of the First Aid Measures***General information:**Seek medical attention in case of complaints.**After inhalation:**Supply fresh air and seek medical advice in case of complaints.**After skin contact:**Wash with soap and rinse with plenty of water.**After eye contact:**Rinse open eyes with plenty of water for at least 15 minutes.
Consult a physician.**After ingestion:**Rinse mouth with plenty of water.
If symptoms persist consult physician.***4.2. Most important Symptoms and Effects, both Acute and Delayed***Symptoms:**No further information available.**Effects:**No further information available.***4.3. Indication of any Immediate Medical Attention and special Treatment needed***Treatment:**No information available.***5. Fire-Fighting Measures****5.1. Extinguishing Media***Suitable extinguishing media:**Use extinguishing media for surrounding fire.**Unsuitable extinguishing media:**None known.***5.2. Special Hazards arising from the Substance or Mixture***Special hazards:**Product is not flammable.*

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5.3. Advice for Firefighters

Protective equipment:

Wear self-contained respiratory protective device.

Further information:

Do not inhale smoke.

6. Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions:

Wear protective clothing.

Avoid formation of dust.

6.2. Environmental Precautions

Environmental precautions:

No special measures required.

6.3. Methods and Material for Containment and Cleaning Up

Methods and material:

Take up mechanically and collect in suitable containers for disposal.

6.4. Reference to other Sections

See Section 13 for information on disposal.

7. Handling and Storage

7.1. Precautions for Safe Handling

Instructions on safe handling:

Provide adequate ventilation.

Avoid formation of dust. Do not inhale dust.

Hygienic measures:

Do not eat or drink during work. Do not smoke.

7.2. Conditions for Safe Storage, including any Incompatibilities

Storage conditions:

Store in tightly sealed containers in a dry room.

Requirements for storage areas and containers:

No special measures necessary.

Information on fire and explosion protection:

No special measures necessary.

Storage class (VCI):

10-13

Further Information:

7.3. Specific End Use(s)

Further information:

No information available.

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8. Exposure Controls/Personal Protection**8.1. Parameters to be Controlled***Parameters to be controlled (DE):**The general dust limit should be observed.**Parameters to be controlled:**Derived No-Effect Level (DNEL):**No values available.**Predicted No-Effect Concentration (PNEC):**No values available.**Additional Information:***8.2. Exposure Controls***Technical protective measures:**Provide adequate ventilation in case of dust formation.**Personal Protection**General protective measures:**Remove contaminated clothing. Wash hands after work.
Keep away from foodstuffs, beverages and feed.**Respiratory protection:**Respiratory equipment required in case of insufficient ventilation,
filter type P2.**Hand protection:**Protective gloves (EN 374)**Protective glove material:**Eye protection:**Tightly fitting safety goggles (EN 166).**Body protection:**Protective clothing.**Environmental precautions:**No special measures required.*

9. Physical and Chemical Properties**9.1. Information on Basic Physical and Chemical Properties***Form: powder**Color: green**Odor: odorless**Odor threshold:**No information available.**pH-Value:**Melting temperature:**not available*

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Boiling temperature:

not available

Flash point:

not available

Evaporation rate:

not applicable

Flammability (solid, gas):

not available

Upper explosion limit:

no information available

Lower explosion limit:

no information available

Vapor pressure:

not applicable

Vapor density:

No information available.

Density:

Solubility in water:

insoluble

Coefficient of variation (n-Octanol/Water):

not applicable

Auto-ignition temperature:

No information available.

Decomposition temperature:

No data available.

Viscosity, dynamic:

not applicable

Explosive properties:

Product does not present an explosion hazard.

Oxidizing properties:

No information available.

Bulk density:

9.2. Further Information

Solubility in solvents:

Viscosity, kinematic

Burning class:

Solvent content:

Solid content:

Particle size:

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*Other information:**No further information.*

10. Stability and Reactivity**10.1. Reactivity***Stable if used according to specifications.***10.2. Chemical Stability***Stable if used according to specifications.***10.3. Possibility of Hazardous Reactions***None if handled and stored according to specifications.***10.4. Conditions to Avoid***Conditions to avoid:**No information available.**Thermal decomposition:**No further information available.***10.5. Incompatible Materials***No information available.***10.6. Hazardous Decomposition Products***None known.***10.7. Further Information**

11. Toxicological Information**11. 1. Information on Toxicological Effects***No information available.**Acute Toxicity**LD50, oral:**LD50, dermal:**LC50, inhalation:**Primary effects**Irritant effect on skin:**No information available**Irritant effect on eyes:**No information available.**Inhalation:**No information available.**Ingestion:**No information available**Sensitization:**No relevant data found.**Mutagenicity:**No relevant data found.**Reproductive toxicity:*

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*No information available.**Carcinogenicity:**No relevant data found.**Teratogenicity:**No information available.**Specific target organ toxicity (STOT):**No relevant data found.**Additional toxicological information:**Acute or chronic effects are not expected.*

12. Ecological Information**12.1. Aquatic Toxicity***No information available.**Fish toxicity:**Daphnia toxicity:**Bacteria toxicity:**Algae toxicity:***12.2. Persistency and Degradability***No information available.***12.3. Bioaccumulation***No information available.***12.4. Mobility***Product is not water soluble.***12.5. Results of PBT- und vPvP Assessment***No data available.***12.6. Other Adverse Effects***Water hazard class:**Not hazardous.**Behaviour in sewage systems:**Further ecological effects:**No special effects or hazards known.**AOX Value:*

13. Disposal Considerations**13.1. Waste Treatment Methods***Product:**Dispose of according to official national and local regulations.**European Waste Code (EWC):**Uncleaned packaging:**Uncontaminated packaging may be recycled. Completely empty packaging can be disposed of with the regular waste.**Waste Code No*

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14. Transport Information

14.1. UN Number

ADR, IMDG, IATA

14.2. UN Proper Shipping Name

ADR/RID:

No hazardous goods according to ADR (land transportation).

IMDG/IATA:

No hazardous goods according to IMDG.

14.3. Transport Hazard Classes

ADR Class:

not applicable

Hazard no.:

Classification code:

Tunnel restriction code:

IMDG Class (sea):

Hazard no.:

EmS No.:

IATA Class:

Hazard no.:

14.4. Packaging Group

ADR/RID:

not applicable

IMDG:

IATA:

14.5. Environmental Hazards

None

14.6. Special Precautions for User

Not classified as a dangerous good under transport regulations.

14.7. Transportation in Bulk according to Annex II of MARPOL 73/78 and IBC-Code

not applicable

14.8. Further Information

Not classified as a dangerous good under transport regulations.

15. Regulatory Information

15.1. Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

Water hazard class:

0, not hazardous (German Regulation; Self-assessment)

Local regulations on chemical accidents:

Employment restrictions:

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Restriction and prohibition of application:

Technical instructions on air quality:

15. 2. Chemical Safety Assessment

A Chemical Safety Assessment is not necessary for this product.

15. 3. Further Information

California Prop. (Chemicals known to cause cancer): None of the ingredients are listed.

TSCA (USA): not listed

16. Other Information

This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.