

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### Product identifier

Trade name: **BIOCANNA Bio Terra Plus**

Synonym(s): -

### Relevant identified uses of the substance or mixture and uses advised against:

Horticultural purposes: growing medium.

### Details of the supplier of the safety data sheet

#### Manufacturer/supplier:

CANNA Deutschland GmbH

Briener Str. 25

47533 Kleve

Tel: +49 (0) 2821 5908831

[sales@canna-de.com](mailto:sales@canna-de.com)

Tel.: +31 (0) 162-49 48 43

Fax: +31 (0) 162-49 59 99

#### Further information obtainable from:

Contact person: N. Linton

Tel.: +31 (0) 162-68 10 70

Email: [msds@canna.com](mailto:msds@canna.com)

Working hours

(business days): 09:00-17:00.

#### Emergency telephone number:

Deutschland: Giftnotruf Berlin:

+49(0)30 19240

Österreich: BM.I Vergiftungsinformation

+43 (0)1/406 43 43

Die Schweiz: Schweizerisches Toxikologisches Informationszentrum:

145 (in der Schweiz)

+41(0)44 2 51 51 51

## SECTION 2: Hazards identification

### Classification of the substance or mixture

Classification in accordance with Regulation (EC) no. 1272/2008

Void.

### Label elements and precautionary statement

Hazard pictograms: -

Signal word: -

Hazard statements: -

Precautions: -

Hazard-determining components for labelling: -

### Other hazards

Void.

### Results of PBT and vPvB assessment

PBT: No.

vPvB: No.

**Trade name:** BIOCANNA BIO TERRA PLUS

## SECTION 3: Composition/information on ingredients

**Description:** Peat based growing medium with organic fertilizer

**Hazardous ingredients**

None.

## SECTION 4: First aid measures

### Description of first aid measures

**General information:**

Non-hazardous material. If irritation or discomfort occurs, seek medical advice from a physician.

**Inhalation:**

If over exposure occurs, leave exposure area immediately. If irritation persists seek medical attention.

**Skin contact:**

Wash skin with water and soap. Seek medical attention if discomfort occurs.

**Eye contact:**

Rinse thoroughly with plenty of water and seek medical attention.

**Ingestion:**

Seek medical attention if discomfort occurs.

### Most important symptoms and effects, both acute and delayed

**Inhalation:**

Dust particles may cause minor irritation while inhaled

**Skin contact:**

No known hazard

**Eye contact:**

Dust particles may cause minor eye irritation

**Ingestion:**

No known hazard

### Indication of any immediate medical attention and special treatment needed

Symptomatic treatment and supportive therapy as prescribed.

## SECTION 5: Fire-fighting measures

### Extinguishing media

**Suitable extinguishing media:**

CO2, foam, sand, extinguishing powder or water jet.

Adapt extinguishing measures to suit the environment.

**Unsuitable extinguishing media for safety reasons:**

None.

### Special hazards arising from the substance or mixture

Non flammable, however it is possible that it starts smouldering.

### Advice for fire-fighters

**Special protective clothing:**

No special equipment needed besides their normal equipment.

**Trade name:** BIOCANNA BIO TERRA PLUS

## Other information

No specific requirements

## SECTION 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

No special measures required.

### Environmental precautions

No special measures required.

### Methods and material for containment and cleaning up

Collect by sweeping up. If necessary place it in a container for disposal.

### Reference to other sections

Information regarding safe handling – see section 7.

Information regarding personal protective equipment – see section 8.

Information regarding disposal – see section 13.

## SECTION 7: Handling and storage

### Handling

#### Precautions for safe handling:

Open and handle package with care.

Avoid formation of dust.

Ventilation is recommended.

Do not eat or drink during use.

#### Information about fire - and explosion protection:

No specific requirements.

### Conditions for safe storage, including any incompatibilities

#### Storage:

Preferably store inside. When stored for a longer period it is advisable to watch the temperature of the stored product.

## SECTION 8: Exposure controls/personal protection

### Control parameters

No data.

### Exposure controls

#### Personal protective equipment:

Avoid contact with the eyes.

Wash hands thoroughly after handling this product.

#### General protective and hygienic measures:

Keep away from foodstuffs and beverages.

Do not eat, drink or smoke when using this product.

The usual precautionary measures are to be adhered to when handling products.

#### Respiratory protection:

Not required with normal ventilation, respiratory protection in case of insufficient ventilation or dust formation.

**Trade name:** BIOCANNA BIO TERRA PLUS

**Environmental exposure controls:**

No specific requirements.

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

**General information**

**Appearance**

<b>Form:</b>	Solid.
<b>Colour:</b>	Brown.
<b>Odour:</b>	Earthy
<b>Odour threshold:</b>	Not applicable.

<b>pH-value:</b>	5.0-7.0
------------------	---------

**Change in condition**

<b>Melting point/melting range:</b>	Not applicable.
-------------------------------------	-----------------

<b>Boiling point/boiling range:</b>	Not applicable.
-------------------------------------	-----------------

<b>Flash point:</b>	Not applicable.
---------------------	-----------------

<b>Flammability (solid, gas):</b>	Not flammable.
-----------------------------------	----------------

<b>Auto-ignition temperature:</b>	Not determined.
-----------------------------------	-----------------

<b>Explosion hazard:</b>	Not determined.
--------------------------	-----------------

**Explosive limits**

<b>Lower:</b>	Not determined.
---------------	-----------------

<b>Upper:</b>	Not determined.
---------------	-----------------

<b>Vapour pressure:</b>	Not determined.
-------------------------	-----------------

<b>Bulk density:</b>	Varies according to composition and moisture content
----------------------	--

<b>Vapour density:</b>	Not determined.
------------------------	-----------------

<b>Evaporation rate:</b>	Not determined.
--------------------------	-----------------

**Solubility in/miscibility with water:**

Not soluble

**Partition coefficient:**

<b>n-octanol/water:</b>	Not applicable.
-------------------------	-----------------

**Viscosity**

<b>Dynamic:</b>	Not determined.
-----------------	-----------------

<b>Kinematic:</b>	Not determined.
-------------------	-----------------

**Other information**

No further relevant information available.

## SECTION 10: Stability and reactivity

### Reactivity

**Chemical stability:**

The product is stable.

### Conditions to avoid

Avoid excessive heat or freezing.

### Incompatible materials

None known

### Hazardous decomposition products

None known

**Trade name:** BIOCANNA BIO TERRA PLUS

## SECTION 11: Toxicological information

**No known toxic hazards**

**Other information:**

No further relevant information available.

## SECTION 12: Ecological information

**Toxicology information**

**Ecotoxicity from the components:**

No data available

**Persistence and degradability**

Biodegradable. Product presents minimal environmental impact

**Behaviour in environmental compartments**

**Bioaccumulative potential:**

Bioaccumulation in organisms is not expected.

**Mobility in soil:**

No further relevant information available.

**Other adverse effects**

No data.

## SECTION 13: Disposal considerations

Not classified as hazardous waste. Product must be disposed of according to Federal, State or local procedures.

## SECTION 14: Transport information

### Land transport ADR/RID (cross-border)

<b>ADR/GGVSEB class:</b>	Not a dangerous good according to the transport regulations.
<b>Hazard identification number:</b>	-
<b>UN number:</b>	-
<b>Packing group:</b>	-
<b>Label:</b>	-
<b>Special marking:</b>	-
<b>Proper shipping name from the UN Model Regulations:</b>	-
<b>Tunnel restriction code:</b>	-

Trade name: BIOCANNA BIO TERRA PLUS

### Inland shipping ADN/ADR

ADN/R-class: -  
UN number: -  
Subsidiary risk  
Environmental hazards: -  
CMR properties: -  
Buoyancy: -

### Maritime transport IMDG

IMDG-class: -  
UN number: -  
Label: -  
Packing group: -  
EMS number: -  
Marine pollutant: -  
Proper technical name: -

### Air transport ICAO-TI and IATA-DGR

ICAO/IATA-class: -  
UN number: -  
Label: -  
Packing group: -  
Proper technical name: -

### Environmental hazards

No.

### Special precautions for user

None.

### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No further relevant information available.

## SECTION 15: Regulatory information

### Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations: -

The product does not require labelling. Marking according to hazardous product regulations is not required.

## SECTION 16: Other information

This information is based on the current state of our knowledge. It should not be construed as any guarantee of product characteristics, nor does it establish a legally valid contractual relationship.

### Document history

Printed on: 21 September 2017.

Previous edition: not applicable

Initial version.

Version: 1.0.

Issued by: Research Department

### Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route

(European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning

**Trade name: BIOCANNA BIO TERRA PLUS**

IMDG:	the International Transport of Dangerous Goods by Rail)
IATA:	International Maritime Code for Dangerous Goods
IATA-DGR:	International Air Transport Association
ICAO:	Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO-TI:	International Civil Aviation Organization
P:	Technical Instructions by the "International Civil Aviation Organization" (ICAO)
GHS:	Marine pollutant:
CAS:	Globally Harmonized System of Classification and Labelling of Chemicals
EC50:	Chemical Abstracts Service (division of the American Chemical Society)
LC50:	Half maximal effective concentration
LD50:	Lethal concentration, 50 percent
OEL:	Lethal dose, 50 percent
NOEC:	Occupational Exposure Limit
vPvB:	No Observed Effect Concentration
PBT:	Very Persistent and Very Bioaccumulative
EWC:	Persistent, Bioaccumulative and Toxic substance
TWA:	European Waste Catalogue
DNEL:	Time-Weighted Average
DMEL:	Derived No-Effect Level
PNEC:	Derived Minimal Effect Level
	Predicted No-Effect Concentration

#### Sources

This information is based on the current available data (suppliers of raw materials, chemistry maps, Annex VI)  
See also the internet site: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

#### Disclaimer

The information provided in this Material Safety Data Sheet has been prepared with the utmost care and corresponds to the most recent information available to the supplier on the date of publication (mentioned in the footer of every page). The contents of this Material Safety Data Sheet should not be considered as a guarantee for certain product properties or fitness for particular purposes.

It is the obligation of the user to determine whether the product is suitable for the specific purpose, intended use and the method of application. This Safety Data Sheet only relates to the product described and does not apply to any not defined use or the use of the product in combination with other materials, substances or products. It is the responsibility of the user to use and handle the product with care and to comply with all applicable laws and regulations. The supplier accepts no liability for direct or indirect damages resulting from improper use of this Material Safety Data Sheet and / or the products described therein.