

**MATERIAL SAFETY DATA SHEET Plantaflo<sup>®</sup> Topf-Substrat**

Date of Printing: November 19, 2020

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**1. IDENTIFICATION**

- 1.1 Product names Plantaflo<sup>®</sup> Topf-Substrat
- 1.2 Supplier Plantaflo Humus Verkaufs-GmbH  
Oldenburger Strasse 4  
D- 49377 Vechta GERMANY  
Tel.: +49 4441 92 63 30  
Fax: +49 4441 92 63 44

**2. COMPOSITION AND INFORMATION ON INGREDIENTS**

- 2.1 Main raw material White Peat + Black Peat (Sphagnum Peat Moss)
- 2.2 Composition Sphagnum Peat Moss + NPK-fertilizer 18-10-20 + limestone
- 2.3 Classification Substrate

**3. POSSIBLE HAZARD**

- 3.1 Hazard designation not applicable
- 3.2 Special hazard for humans not applicable

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**4. FIRST-AID MEASURES**

- |     |              |   |
|-----|--------------|---|
| 4.1 | Skin contact | not applicable  |
| 4.2 | Eye contact  | Dust particles may cause slight eye irritation<br>Flush eyes with water |
| 4.3 | Ingestion    | not applicable  |
| 4.4 | Inhalation   | not applicable  |

**5. FIRE-FIGHTING MEASURE**

- |     |                              |   |
|-----|------------------------------|---|
| 5.1 | Suitable extinguishing media | Peat does not burn well.<br>In case of fire, the product will be extinguished by water. |
| 5.2 | Protective clothing          | Standard fire protection  |

**6. ACCIDENTAL RELEASE MEASURE**

- |     |                           |            |
|-----|---------------------------|------------|
| 6.1 | Personal precaution       | not known  |
| 6.2 | Environmental precautions | not known  |
| 6.3 | Protective clothing       | not needed |

**7. HANDLING AND STORAGE**

- |     |          |  |
|-----|----------|--|
| 7.1 | Handling | In use, please note the product information                          |
| 7.2 | Storage  | To save the properties, storage in a cool and dry place is necessary |

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

- |     |                   |            |
|-----|-------------------|------------|
| 8.1 | Hand protection   | not needed |
| 8.2 | Eye protection    | not needed |
| 8.3 | Skin protection   | not needed |
| 8.4 | Exhibition limits | no         |

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

9.1	Physical state	fixed loose structure
9.2	Colour	brown-black
9.3	Smell	mild, natural smell
9.4	Melting point	not defined
9.5	Explosive components	not defined
9.6	pH in CaCl <sub>2</sub>	from 5 - 6
9.7	Stability in water	stable

**10. STABILITY AND REACTIVITY**

10.1	Conditions to be avoided	none
10.2	Contact with other materials to be avoided	none
10.3	Dangerous decomposition products	none

**11. TOXICOLOGICAL INFORMATION**

11.1	Acute toxicity	none
11.2	Eye contact	none
11.3	Skin contact	none
11.4	Ingestion	none
11.5	Inhalation	none
11.6	Chronic effected	none

**12. ECOLOGICAL INFORMATION**

12.1	Eco toxicity	decomposes slowly
12.2	Disposal consideration	none
12.3	Transport	normal transportation

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**13. REGULATORY INFORMATION**

14.1	Dangerous Symbols	none
14.2	Risk phrases	none
14.3	Safety advice	none

**14. OTHER INFORMATION**

none