


Safety data sheet	Substrates	
QHES department	Version date: 05-10-2018	

1. Identification of the substance or preparation and the company

- 1.1 Product name:** Substrate
1.2 Intended use: Commercial plant propagation substrate
1.3 Company identification: Jiffy Products International B.V.
Lindtsedijk 20A, 3336LE
Zwijndrecht, Netherlands
1.4 Emergency telephone number: +31 (0)78 2062 200

2. Hazards Identification

2.1 Classification of the substance or mixture

This product does not have to be classified according to the regulations (EC) No 1272/2008 (CLP/GHS)

2.2 Label elements

This product does not have to be labelled according to the regulations (EC) No 1272/2008 (CLP/GHS)

3. Composition/Information on Ingredients

3.2 Mixture

Growing substrate based on raw materials of natural origin with or without added fertiliser

4. First-aid measures

4.1 Description of first aid measures

- Ingestion:** Rinse mouth
Inhalation: Take the person into fresh air
Skin contact: Wash skin with water
Eye contact: Rinse thoroughly with plenty of water. If irritation persists, consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

Aside from the information found under Description of first aid measures (above), no additional symptoms and effects are anticipated.

4.3 Indication of any immediate medical attention and special treatment needed

Aside from the information found under Description of first aid measures (above), no additional immediate medical attention and special treatment are anticipated.


5. Firefighting measures

5.1 Extinguishing Media

- Suitable extinguishing media:** Water, Co2
Unsuitable extinguishing media: N/A

5.2 Special hazards arising from the substance or mixture

No special hazards known

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5.3 Advice for firefighters

No special measures required

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

No special measures required.

6.2 Environmental precautions

Do not flush into surface water or sanitary sewer system.

6.3 Methods and material for containment and cleaning up

Sweep or pick up and dispose according section 13 when not usable anymore.

7. Handling and storage

7.1 Precautions for safe handling

Be aware that handling can cause dust formation.

7.2 Conditions for safe storage, including any incompatibilities

Store and use away from heat, sparks, naked flames and other possible sources of ignition. Protect from mixing and contamination. Store in a dry place.

8. Exposure Controls / Personal Protection

8.1 Control parameters

No exposure limits known. No special measures required.

8.2 Exposure controls

Engineering controls: No special measures required

Personal protection

Respiratory protection: In the event of excessive dust formation (>10 mg./m³) approved respiratory protection may be used.

Hand protection: N/A


Skin protection: N/A

Eye protection: Use dust glasses if large amounts of dust are produced.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	
Physical state:	Solid
Colour:	From light to dark brown
Odour:	N/A
Odour threshold:	N/A
pH:	3.5 – 6.5
Melting point	Not applicable
Freezing point:	<0 °C
Initial boiling point and boiling range:	N/A
Flash point:	N/A
Evaporation rate:	N/A

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Flammability (solid, gas):	N/A
Upper/lower flammability or explosive limits:	N/A
Vapour pressure:	N/A
Vapour density:	N/A
Relative density:	From around 150 to 500 kg/EN M3
Solubility(ies):	Insoluble
Partition coefficient: n-octanol/water:	N/A
Auto-ignition temperature:	N/A
Decomposition temperature:	N/A
Viscosity:	N/A
Explosive properties:	N/A
Oxidising properties:	N/A

9.2 Other information

EC: From around <0.1-1.5 mS/cm (1:1.5 method)

10. Stability and reactivity

10.1 Reactivity

Stable under normal conditions.

10.2 Chemical stability

Stable under recommended storage conditions. See section 7.

10.3 Possibility of hazardous reactions

No reactivity hazards

10.4 Conditions to avoid

High temperatures, frost and direct sunlight during storage. See section 7.

10.5 Incompatible Materials

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products known

11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity:	No acute toxicity known.
Skin irritation:	No irritating effects known.
Eye irritation:	No irritating effects known.

12. Ecological information


12.1 Toxicity

Product is not known as dangerous to aquatic organisms.

12.2 Persistence and degradability

N/A

12.3 Bioaccumulative potential

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Does not bioaccumulate.

12.4 Mobility in soil

No mobility in soil.

12.5 Results of PBT and vPvB assessment

N/A

12.6 Other adverse effects

No other adverse effects.

13. Disposal Considerations

13.1 Waste treatment methods

Surplus/used product: can be disposed of without special requirements.

Packaging waste: can be disposed of as ordinary industrial waste

14. Transport Information

14.1. UN number

Not classified

14.2. UN proper shipping name

Not classified

14.3. Transport hazard class(es)

Not classified

14.4. Packing group

Not classified

14.5. Environmental hazards

Not additional information available.

14.6. Special precautions for user

No special precautions

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

N/A


15. Regulatory information

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

No regulations/legislation specific for the substance or mixture.

15.2 Chemical safety assessment

No chemical safety assessment is carried out for this product.

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16. Other information

There are no relevant hazard statements or safety phrases for this product.

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