

SAFETY DATA SHEET

Root Riot Cubes

This Safety Data Sheet contains information concerning the potential risks to those involved in handling, transporting and working with the material, as well as describing potential risks to the consumer and the environment. This information must be made available to those who may come into contact with the material or are responsible for the use of the material. This Safety Data Sheet is prepared in accordance with formatting described in the Regulation (EU) No 453/2010, and described in CLP Regulation (EC) No 1272/2008.

Section 1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Chemical Name: Not applicable
CAS Number: Not applicable
REACH Registration No.: Not applicable
Synonyms: Not applicable

1.2 Relevant identified uses of the substances or mixture and uses advised against

Used as a growing medium to aid early development of cuttings and seeds.

1.3 Details of the supplier of the safety data sheet

Growth Technology Ltd.
Great Western Way
Taunton TA2 6BX
United Kingdom
Phone +44 (0)845 430 3001
+44 (0)1823 325291
Fax +44 (0)1823 325487
info@growthtechnology.com

1.4 Emergency telephone number

In case of emergency:
Emergency telephone number: +44 (0)845 430 3001
+44 (0)1823 325 291

Hours of operation: Office hours only.

Section 2. Hazards Identification

MIXTURE:

2.1 Classification of the mixture

Classification under Directive 67/548/EEC:	No classification required in accordance with Directive 67/548/EEC.
Classification under Regulation EC No. 1272/2008:	No classification required in accordance with Regulation EC No. 1272/2008.

Physicochemical hazards:

No potential physicochemical hazards are applicable for this mixture due to the nature of the components and no physicochemical classifications associated with them.

Human health:

This product does not pose any risks to human health provided the packaging instructions are adhered to.

Environment:

No potential environmental hazards are applicable for this product due to the nature of the components and no ecotoxicological classifications associated with them.

2.2 Label elements**Regulation (EC) No 1272/2008:**

No classification required in accordance with Regulation EC No. 1272/2008.

Hazard Statements

No classification required in accordance with Regulation EC No. 1272/2008.

Precautionary statements:

No classification required in accordance with Regulation EC No. 1272/2008.

2.3 Other hazards

PBT / vPvB:	Not applicable
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Section 3. Composition/Information on ingredients.

Name	CAS Number	EINECS Number	% Composition	Classification according to Directive 67/548/EEC	Classification according to Regulation (EC) No. 1272/2008
Fine milled sphagnum Peatmoss	N/A	N/A	N/A	Not classified	Not classified
Polyether Polyurethane Foam	N/A	N/A	N/A	Not classified	Not classified

Product contains no classified components over 1%.

Section 4. First Aid Measures**4.1 Description of first aid measures****Inhalation**

No inhalation exposure of this mixture is expected due to the nature of its use, however, should exposure occur, please seek medical attention.

Skin contact

Wash skin with soap and plenty of running water.

Accidental eye contact

Rinse eye immediately with plenty of low pressure water for at least 15 minutes. Remove any contact lenses. Seek medical assistance.

Ingestion

The product is not hazardous by ingestion but may pose a choking hazard. If symptoms are displayed seek medical attention immediately.

4.2 Most important symptoms and effects, both acute and delayed

None expected

4.3 Indication of any immediate attention and special treatment needed

None expected

Section 5. Firefighting Measures

5.1 Extinguishing media

To extinguish fire use water spray, dry chemical, carbon dioxide, or chemical foam.

5.2 Special hazards arising from the substance or mixture

Combustion may produce toluene, carbon monoxide, hydrogen cyanide and nitrogen oxide fumes due to urethane content.

5.3 Advice for fire-fighters

Wear full protective clothing and self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

Section 6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

None required.

6.2 Environmental precautions

Take precautionary measures against discharges into the environment.

6.3 Methods and material for containment and cleaning up

Sweep up spilled material, then place into a suitable closed container for disposal in ordinary household waste.

6.4 Reference to other sections

Please also refer to Sections 8 and 13.

Section 7. Handling and Storage

7.1 Precautions for safe handling

None required

7.2 Condition for safe storage, including any incompatibilities

To protect product quality, store in original container in a cool place out of direct sunlight.

7.3 Specific end use(s)

For use in the propagation of plant cuttings and seeds.

Section 8. Exposure Controls/Personal Protection

8.1 Control parameters

Not determined

8.2 Exposure controls

Appropriate Engineering Controls

Not applicable.

Respiratory protection

None required.

Hand protection

None required.

Eye protection

None required.

Skin protection

None required.

Thermal Hazards

Avoid exposing to heat in excess of 300 degrees Farenheit (149°C)

Environmental Exposure Controls

Not applicable.

Section 9. Physical and Chemical Properties**9.1 Information on basic physical and chemical properties**

Appearance:	Brown/black cubes
Odour:	Weak uncharacteristic odour
Odour threshold:	N/A
pH:	No information
Melting point/freezing point °C:	No information
Initial boiling point and boiling range °C:	N/A
Flash point:	260°C
Evaporation rate:	N/A
Flammability:	No information
Upper Flammability:	No information
Lower Flammability:	No information
Vapour pressure:	N/A
Vapour density	N/A
Relative density:	0.5 – 0.7
Solubility:	Insoluble in water.
Partition Coefficient: n-octanol/water:	N/A
Auto-ignition temperature:	No information
Decomposition temperature:	177°C
Viscosity:	N/A
Explosive properties:	No information.
Oxidising properties:	No information.

9.2 Other information

No additional information available.

Section 10. Stability and Reactivity**10.1 Reactivity**

Unreactive under normal conditions of recommended use.

10.2 Chemical stability

Stable under normal temperature conditions and recommended use.

10.3 Possibility of hazardous reactions

Not applicable for this product.

10.4 Conditions to avoid

Strong oxidisers.

10.5 Incompatible materials

Not applicable.

10.6 Hazardous decomposition products

Toluene, carbon monoxide, hydrogen cyanides, nitrogen oxides

Section 11. Toxicological Information

11.1 Information on toxicological effects**Acute Toxicity:**

No data.

Skin Corrosion/Irritation:

No data.

Serious eye damage/irritation:

No data.

Respiratory or skin sensitisation:

No data.

Route of exposure:

Most likely route of exposure is by skin contact.

Symptoms related to the physical, chemical and toxicological characteristics:

Not applicable as minimal risk of adverse effects due to nature of the product.

Section 12. Ecological Information

12.1 Toxicity

No data.

12.2 Persistence and degradability

Persistence and rate of degradation is not evaluated as the mixture is used solely for indoor use. All treated plants are placed in containers so there is no risk of contamination of natural soil.

12.3 Bioaccumulative potential

No information.

12.4 Mobility in soil

Mobility in soil is not evaluated as the mixture is used solely for indoor use. All treated plants are placed in containers so there is no risk of contamination of natural soil.

12.5 Results of PBT and vPvB assessment

No assessment was conducted.

12.6 Other adverse effects

Not applicable

Section 13. Disposal Considerations

13.1 Waste treatment methods**Disposal operations –**

Place into a suitable closed container for disposal in household waste.

Disposal of packaging –

Place into a suitable closed container for disposal in household waste.

Please follow all local, regional, national and international laws.

Section 14. Transport Information**14.1 UN number**

Not applicable as the product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID)

14.2 UN proper shipping name

Not applicable as the product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID)

14.3 Transport hazard class(es)

Not applicable as the product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID)

14.4 Packing group

Not applicable as the product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID)

14.5 Environmental hazards

Not applicable as the product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID)

14.6 Special precautions for user

Not applicable as the product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID)

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable as the product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID)

Section 15. Regulatory Information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Not applicable.

15.2 Chemical safety assessment

A Chemical Safety Assessment has not been conducted for this mixture.

Section 16. Other Information**Other information****List of Abbreviations:**

AOEL:	Adverse Observed Effects Level
CAS:	Chemical Abstracts Services
EC:	European Community
EEC:	European Economic Community
EINECS:	European Inventory of Existing Commercial Chemical Substances
EC50:	Half maximal effective concentration
LC50:	Lethal concentration causing 50% death in test species
LD50:	Lethal dose causing 50% death in test species
PBT:	Persistent, Bioaccumulative, Toxic
vPvB:	Very Persistent and very Bioaccumulative

This safety data sheet is prepared in accordance with Regulation (EC) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.