

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

**1.1 Product Name:**

Symbio DegrAID

**1.2 Relevant identified uses and uses advised against:**

A preparation to improve microbial activity in soil and growing media.  
Not for oral consumption or direct contact with food or beverages  
Avoid extreme heat and ignition sources

**1.3 Details of Supplier of Safety Data Sheet:**

**Company name:**

Origin Amenity Solutions Ltd  
1-3 Freeman Court,  
Jarman Way,  
Orchard Road,  
Royston,  
Hertfordshire,  
SG8 5HW

**Tel:** 0800 138 7222

**Email:** sales.symbio@originamenity.com

**1.1.1 Emergency phone number**

**Emergency phone No.** 0800 138 7222 (09.00 – 17.00 GMT Monday – Friday)

**National emergency telephone number** 111

**2. Hazards Identification**

**2.1 Classification of the mixture:**

Chemical characterisation: Mixture  
Description: Mixture of substances  
According to Regulation (EC) No 1272/2008: not classed as hazardous

**2.2 Label elements:**

None required  
Not a hazardous mixture according to Regulation (EC) No. 1272/2008

**2.3 Other hazards**

The mixture does not fulfil the criteria for PBT or vPvB substance

The bacteria and fungi in this mixture are considered to belong to hazard group 1 as defined by the Advisory Committee on Dangerous Pathogens (ACDP) as “a biological agent unlikely to cause human disease”. It should NOT be assumed. However, that this organism will be innocuous in all situations or that infections can never occur. The mixture should therefore not be used by, or in the presence of immunocompromised persons.

**3. Composition/Information on ingredients**

A mixture containing beneficial fungi and bacteria.

**4. First Aid Measures**

**4.1 Description of first aid measures:**

Following aspiration/inhalation:

Move affected to person to fresh air, and keep comfortable for breathing

Following skin contact:

Wash affected areas with plenty of water.

Following eye contact:

Rinse with plenty of water as a precaution

After ingestion:

If you feel unwell, seek medical advice

**4.2 Most important symptoms and effects,**

No additional information

**4.3 Indication of any immediate medical attention and special treatment needed:**

If you feel unwell, seek medical advice

**5. Fire Fighting Measures**

**5.1 Extinguishing media:**

Suitable extinguishing media: Water Spray; Dry powder; Foam

**5.2 Special hazards arising from the mixture:**

Reactivity: Hazardous reactions will not occur under normal conditions.

Toxic fumes may be released

**5.3 Advice for fire fighters:**

Firefighters should be equipped with breathing apparatus appropriate to environmental conditions and wear protective clothing.

**6. Accidental Release Measures**

**6.1 Personal precautions, protective equipment and emergency procedures:**

Keep work areas well ventilated

Wear suitable protective clothing (overalls), gloves and safety glasses.

Avoid contact with eyes and skin

**6.2 Environmental Precautions:**

No special precautions

**6.3 Methods and material for containment and cleaning up:**

Mechanically recover the product

**6.4 Reference to other sections:**

Personal protective means are given in section 8. Disposal advice is given in section 13.

**7. Handling and Storage**

**7.1 Precautions for safe handling:**

Read the label before use. Ensure adequate ventilation. Wash hands after working with product. Do not smoke, eat or drink when handling product. Employees should wear protective work clothing, shoes and gloves.

**7.2 Conditions for safe storage, including any incompatibilities:**

Store in original containers in a cool dry and well-ventilated place. Keep cool.

**7.3 Specific End Use:**

No additional information

**8. Exposure Controls**

**8.1 Control Parameters:**

No additional information

**8.2 Exposure controls:**

**8.2.1 Appropriate Engineering Controls:**

Work in a well-ventilated area.

**8.2.2 Individual Protection Measures, such as personal protective equipment:**

General protective and hygiene measures:

Do not breathe dust

No smoking

Avoid contact with eyes and skin

Do not eat or drink while working

- a) Eye/face protection. Safety glasses
- b) Skin protection – no additional information
- c) Respiratory protection – not required under normal use
- d) Thermal hazards – no additional information

**8.2.3 Environmental exposure controls**

Not applicable

**9. Physical and Chemical Properties**

**9.1 Basic physical and chemical properties**

- a) Appearance: Light brown powder
- b) Odour: earthy
- c) Odour threshold: not applicable
- d) pH: ≈7 in solution
- e) melting point/freezing point: not applicable
- f) boiling point: not applicable
- g) flash point: not flammable
- h) evaporation rate: not applicable
- i) flammability: not flammable

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- j) explosive limits: not applicable
- k) vapour pressure: not applicable
- l) vapour density: not applicable
- m) relative density: not determined
- n) solubility in water: miscible
- o) partition coefficient: not applicable
- p) auto ignition temperature: not applicable
- q) decomposition temperature: not applicable
- r) viscosity: not applicable
- s) explosive properties: not explosive
- t) oxidising properties: not oxidising

**9.2 Other Information:**

No additional information

**10. Stability and Reactivity**

**10.1 Reactivity:**

Stable under recommended handling and storage conditions

**10.2 Chemical stability:**

Stable under recommended handling and storage conditions

**10.3 Possibility of hazardous reactions:**

None known

**10.4 Conditions to avoid:**

None known

**10.5 Incompatible Materials:**

No additional information

**10.6 Hazardous decomposition products**

None expected

**11. Toxicological Information**

**11.1 Information on toxicological effects Mixture:**

- a) Acute toxicity – not classified
- b) Irritation – not classified
- c) Corrosivity – not classified
- d) Sensitisation – not classified
- e) Repeated dose toxicity – not classified
- f) Carcinogenicity – not classified
- g) Mutagenicity – not classified
- h) Toxicity for reproduction – not classified

Information on likely routes of exposure:

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Inhalation: No known hazard

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Skin: No known hazard

Eyes: No known hazard

Ingestion: May be harmful if ingested in large quantities

**Additional toxicological information:**

The beneficial fungi and bacteria in this mixture are considered to belong to hazard group 1 as defined by the Advisory Committee on Dangerous Pathogens (ACDP) as “a biological agent unlikely to cause human disease”. It should NOT be assumed however, that this organism will be innocuous in all situations or that infections can never occur. The mixture should therefore not be used by, or in the presence of, immunocompromised persons.

**12. Ecological Information**

**12.1 Toxicity:**

Not determined

**12.2 Persistence and degradability**

No additional information

**12.3 Bioaccumulative potential**

<b>Cellex</b>	
Partition co-efficient n-octanol/water (Log Pow)	-

**12.4 Mobility in soil**

No additional information

**12.5 Result of PBT and vPvB assessment**

No additional information

**12.6 Other adverse effects:**

No additional information

**13. Disposal Considerations**

**13.1 Waste treatment methods Product:**

Dispose of in accordance with local authority

**14. Transport Information**

Not classified for transport

**15. Regulatory Information**

Non-mandated SDS

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

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

Contains no substance subject to Regulation (EC) 273/2004 of the European Parliament and of the Council of 11 February 2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances.

<b>15.2 Chemical Safety Assessment</b>
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No additional information

<b>16. Other Information</b>
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<b>Abbreviations and acronyms:</b>	
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vPvB	Very Persistent and Very Bioaccumulative
PBT	Persistent Bioaccumulative Toxic

**Disclaimer**

The information in this SDS was obtained from sources which we believe to be reliable. Origin Amenity Solutions provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate handling of the product by properly trained and qualified personnel. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

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