

SAFETY DATA SHEET
SYMBIO BIOBOOSTER N

SDS COMPLETED 8TH JUNE 2015
Reviewed 25th February 2022

VERSION 01
Revision 01

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

1.1 Product Identifier:

Symbio BioBooster N

1.2 Relevant uses of the substance or mixture and uses advised against:

Use as a horticultural/amenity fertiliser

1.3 Details of the supplier of the 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

1.4 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 substance or mixture

Physical Hazards: Not Classified

Health Hazards: Not Classified

Environmental Hazards Not Classified

This mixture is not classified as dangerous to humans or the environment

2.2 Label Elements

Hazard statement: Not applicable

Supplementary information: EUH208: Contains Formaldehyde . May produce an allergic reaction.

EUH210: Safety data sheet available on request.

2.3 Other Hazards

Mixture not classed as PBT or vPvB

3. Composition/information on ingredients

Mixture composed of inorganic substances

3.2 Mixtures

Hazardous components

There are no components classified as harmful according to Directive EC 1272/2008 Classification, Labelling and Packaging or CLASSIFICATION according to Directive 1999/45/EC and statutory instrument No.716 2009 Chemicals (Hazard Information and Packaging) regulation).

None of the substances contained in the mixture are above values fixed in Annex II of the the REACH etc. (amendment etc) (EU exit) Regulations 2020.

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4. First Aid Measures

4.1 Description of first aid measures

Consult a doctor in case of discomfort

4.1.1 Inhalation

In case of symptoms, move affected person into fresh air

4.1.2 Skin & Eye exposure

Skin: Drench immediately with water. Remove any contaminated clothing and launder before re-use. Obtain medical attention if symptoms develop or persist.

Eyes: Immediately rinse with clean water. Obtain medical attention if symptoms develop or persist.

4.1.3 Ingestion

In cases of consumption in large quantities, seek medical assistance.

4.2 Most important symptoms and effects, both acute and delayed

Information not available

4.3 Indication of any immediate medical attention and special treatment needed.

Not applicable

5. Fire-Fighting measures

5.1 Extinguishing media

The mixture is not classified as flammable, as such extinguishing media should be chosen as appropriate for surrounding materials (i.e. foam, water, carbon dioxide, dry powder, sand,..).

5.2 Special Hazards arising from the substance or mixture

Does not present a fire risk under normal conditions of handling, storage and use. Possible irritant fumes arising from combustion

5.3 Advice for fire-fighters

Depending on the magnitude of the fire it may be necessary to use full protective clothing and self-contained breathing apparatus (SCBA). Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...).

Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Eliminate all sources of ignition. In case of fire, cool the storage containers and tanks for products susceptible to combustion, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Isolate leaks provided that there is no additional risk for people performing this task.

6.2 Environmental Precautions

This product is not classified as hazardous to the environment. Keep product away from drains, surface and ground water.

6.3 Methods and material for containment and cleaning up

Use soil, sand or other absorbent material. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

6.4 Reference to other sections

See sections 8 and 13

7. Handling and storage

7.1 Precaution for safe handling

A.- Precautions for safe manipulation

Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

B.- Technical recommendations for the prevention of fires and explosions

It is recommended to transfer at a slow speed to avoid the creation of electrostatic charges that could affect flammable products. Consult section 10 for conditions and materials that should be avoided.

C.- Technical recommendations to prevent ergonomic and toxicological risks

Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

It is not necessary to take special measures to prevent environmental risks. For more information see subsection 6.2

7.2 Conditions for safe storage, including any incompatibilities

A.- Technical measures for storage

Minimum temp: 5°C

Maximum temp: 30°C

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

7.3 Specific end use(s)

No additional information

8. Exposure controls/personal protection

8.1 Control Parameters

EH40/2005 Workplace exposure limits, fourth edition, published 2020:

WEL – Work Place Exposure Limit	Short-term exposure limit (15 min)	Long-term exposure limit (8-hour TWA)
Formaldehyde ppm	2ppm	2ppm
Formaldehyde mg/m ³	2.5 mg/m ³	2.5 mg/m ³

DNEL (Workers):

Non-applicable

DNEL (General population):

Non-applicable

PNEC:

Non-applicable

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8.2 Exposure controls

A. Individual protection measures, such as personal protective equipment
 As a preventative measure it is recommended to use basic Personal Protective Equipment, with the corresponding <<UKCA marking>>. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.


B. Respiratory protection
 The use of protection equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded.

C. Specific protection for the hands

Pictogram	PPE	Remarks
 Mandatory hand protection	Protective gloves against minor risks	Replace gloves in case of any sign of damage. For prolonged periods of exposure to the product for professional users/industrials, we recommend using CE III gloves in line with standards EN 420:2004+A1:2010 and EN ISO 374-1:2016+A1:2018

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.

D.- Ocular and facial protection

Pictogram	PPE	Remarks
 Mandatory face protection	Panoramic glasses against splash/projections.	Clean daily and disinfect periodically according to the manufacturer's instructions. Use if there is a risk of splashing.

E.- Body protection

Pictogram	PPE	Remarks
	Work clothing	Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 6529:2013, EN ISO 6530:2005, EN ISO 13688:2013, EN 464:1994.
	Anti-slip work shoes	Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 20345:2012 y EN 13832-1:2007

F.- Additional emergency measures

It is not necessary to take additional emergency measures.

Environmental exposure controls:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:

Physical state at 20 °C:	Liquid
Appearance:	Not available
Colour:	Not available
Odour:	Not available
Odour threshold:	Non-applicable *

Volatility:

Boiling point at atmospheric pressure:	Non-applicable *
Vapour pressure at 20 °C:	Non-applicable *
Vapour pressure at 50 °C:	Non-applicable *
Evaporation rate at 20 °C:	Non-applicable *

Product description:

Density at 20 °C:	Non-applicable *
Relative density at 20 °C:	1.17 - 1.22
Dynamic viscosity at 20 °C:	Non-applicable *
Kinematic viscosity at 20 °C:	Non-applicable *
Kinematic viscosity at 40 °C:	Non-applicable *
Concentration:	Non-applicable *
pH:	8 - 10
Vapour density at 20 °C:	Non-applicable *
Partition coefficient n-octanol/water 20 °C:	Non-applicable *
Solubility in water at 20 °C:	Non-applicable *
Solubility properties:	Non-applicable *
Decomposition temperature:	Non-applicable *
Melting point/freezing point:	Non-applicable *

Flammability:

Flash Point:	Non Flammable (>60 °C)
Flammability (solid, gas):	Non-applicable *
Autoignition temperature:	Non-applicable *
Lower flammability limit:	Non-applicable *
Upper flammability limit:	Non-applicable *

Particle characteristics:

Median equivalent diameter:	Non-applicable
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**Not relevant due to the nature of the product, not providing information property of its hazards.*

9.2 Other Information

No other relevant information available

10. Stability and reactivity

10.1 Reactivity

No reactions known

10.2 Chemical Stability

Stable under normal conditions of storage, handling and use

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10.3 Possibility of hazardous reactions

No specific hazardous reactions known.

10.4 Conditions to avoid

Extremes of temperature

10.5 Incompatible materials

Avoid strong acids, alkalis or strong bases

10.6 Hazardous decomposition products

Depending on decomposition conditions, complex mixtures of chemical substances can be released

11. Toxicological Information

11.1 Information on toxicological effects

LD50 oral > 2000 mg/kg (rat)

Dangerous Health implications: Based on available data, classification criteria are not met

Acute toxicity estimate (ATE mix):

	ATE Mix	Ingredients of unknown toxicity
Oral	>5000 mg/kg (calculation method)	Non applicable
Dermal	>5000 mg/kg (calculation method)	Non applicable
Inhalation	>20 mg/L (4h) (calculation method)	Non applicable

12. Ecological Information

12.1 Toxicity

Not available.

12.2 Persistence and degradability

Not available

12.3 Bioaccumulative potential

Not available

12.4 Mobility in soil

Not available

12.5 Results of PBT and vPvB

Not classified

12.6 Other adverse effects

Information not available

13. Disposal considerations

13.1 Waste Treatment Methods

Consult the authorized waste service manager on the assessment and disposal operations in accordance The Waste Regulations 2011, 2011 No. 988. As under 15 01 of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. We do not recommended disposal down the drain. See paragraph 6.2.

14. Transport Information

Product is not regulated for transport

15. Regulatory information

GB CLP Regulation: Non-applicable

Classification procedure: Non-applicable

It is recommended to use the information included in this safety data sheet as a basis for conducting workplace-specific risk assessments in order to establish the necessary risk prevention measures for the handling, use, storage and disposal of this product.

Other legislation:

The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020.

The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2020.

Control of Substances Hazardous to Health Regulations 2002 (as amended)

EH40/2005 Workplace exposure limits.

16. Other Information

Legislation related to safety data sheets:

This safety data sheet has been designed in accordance with ANNEX II-The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020.

Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

Advice related to training:

Minimal training is recommended in order to prevent industrial risks for staff using this product and to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Principal bibliographical sources:

<http://echa.europa.eu>

<http://eur-lex.europa.eu>

Revisions: Editorial changes throughout

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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