

SAFETY DATA SHEET

SYMBIO GYPSUM

SDS COMPLETED 25TH FEBRUARY 2022

VERSION 02

Supersedes Date - 8th June 2015

1. Company and Product Identification

1.1 Substance identification

Chemical name: Symbio Granulated Gypsum Micro

REACH registration notes: This Mixture is exempt from REACH registration according to Regulation (EC) No. 1907/2006 (REACH) All raw materials used in the mixture are REACH registered where necessary.

1.2 Application Fields

Identified uses: Fertiliser

1.3 Company Identification

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. Hazard Identification

2.1 Classification of the substance

2.1.1 Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]:

Physical Hazards: Not Classified

Health Hazards: Not Classified

Environmental Hazards: Not Classified

2.2 Label elements

None required

2.3 Other hazards

This substance is not classified as PBT or vPvB according to current EU criteria.

3. Composition/Information on Ingredients

3.2 Mixtures

	CAS Number	Content	REACH registration	Classification
Calcium sulphate	7778-18-9	60-100%	01-2119444918-26-0010	Not Classified

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4. First Aid Measures

4.1 Description of first aid measures

General information: Get medical attention if any discomfort continues.
Inhalation: Get medical attention if symptoms are severe or persist
Ingestion: Get medical attention if symptoms are severe or persist
Skin contact: Wash skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms are severe or persist after washing.
Eye contact: Rinse immediately with plenty of water. Remove contact lenses if present and easy to do. Continue rinsing. Rinse for at least 10 minutes. Get medical attention if symptoms are severe or persist after washing.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation: Dust in high concentrations may irritate the respiratory system.
Ingestion: No harmful effects expected from quantities likely to be ingested by accident.
Skin contact: No specific symptoms known.
Eye contact: No specific symptoms known.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically

5. Fire fighting measures

5.1 Extinguishing media

Suitable extinguishing media: Product is not flammable. Use fire extinguishing media suitable for the surrounding fire.
Unsuitable extinguishing media: None.

5.2 Special hazards arising from the substance

None known

5.3 Advice for fire-fighters

Protective actions during firefighting: Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk.
Special protective equipment: Use protective equipment appropriate for surrounding materials. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid inhalation of dust and contact with skin and eyes. Use suitable respiratory protection if ventilation is inadequate. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Take care as floors and other surfaces may become slippery.

6.2 Environmental precautions:

The product is slowly degradable. The product is not expected to be hazardous to the environment. Avoid the spillage or runoff entering drains, sewers or watercourses.

6.3 Methods and material for containment and cleaning up

Take care as floors and other surfaces may become slippery. Avoid generation and spreading of dust. Collect spillage with a shovel and broom, or similar and reuse, if possible. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Dispose of contents/container in accordance with national regulations. Do not empty into drains. Collect and dispose of spillage as indicated in Section 13.

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6.4 Reference to other sections

For personal protection see section 8. For waste disposal, see section 13

7. Handling and Storage

7.1 Precautions for safe handling

Usage precautions Read label before use.

Wear appropriate clothing to prevent repeated or prolonged skin contact.

Avoid inhalation of dust and contact with skin and eyes.

Do not eat, drink or smoke when using this product.

Wash hands thoroughly after handling.

Wash at the end of each work shift and before eating, smoking and using the toilet.

7.2 Conditions for safe storage, including any incompatibilities

Store in a dry place. Keep container in a well-ventilated place. Keep out of the reach of children. Store away from incompatible materials (see Section 10).

7.3 Specific end uses:

Fertiliser

8. Exposure controls / Personal protection

8.1 Control parameters

8.1.1 Occupational exposure limits:

	WEL – Work Place Exposure Limit	Long-term exposure limit (8-hour TWA)
Calcium Sulphate	Respirable Dust	4 mg/m ³

8.2 Exposure Control

Engineering measures	All handling should only take place in well-ventilated areas.
Eye/face protection	No specific eye protection required during normal use.
Hand protection	No specific requirements are anticipated under normal conditions of use.
Skin protection	Wear appropriate clothing to prevent repeated or prolonged skin contact.
Hygiene measures	Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.
Respiratory protection	No specific recommendations.

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance	Granules
Colour	Beige to dark brown
Odour:	Mild
Odour Threshold	Not determined
pH	Slightly Acidic
Melting point/freezing point:	Not applicable
Boiling point:	Not applicable
Flash point:	Not applicable
Flammability:	Not flammable
Evaporation rate	Not applicable
Vapour pressure:	Not applicable
Vapour density:	Not applicable
Relative density	Not applicable

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Water solubility:	Not known
Partition coefficient):	Not known
Auto-ignition temperature	Not applicable
Decomposition Temperature	Not applicable
Viscosity	Not applicable
Explosive properties	Not applicable
Oxidising properties	Does not meet the criteria for classification as oxidising.

9.2 Other information

None

10. Stability and reactivity

10.1 Reactivity

No test data

10.2 Chemical stability

Stable under normal storage and handling conditions.

10.3 Possibility of hazardous reactions

None known

10.4 Conditions to avoid

None known

10.5 Incompatible materials

Avoid water and moisture

10.6 Hazardous decomposition products

None known

11. Toxicological Information

11.1 Information on toxicological effects

Acute toxicity

Notes (oral LD₅₀) No specific test data are available.

Notes (dermal LD₅₀) No specific test data are available.

Notes (inhalation LC₅₀) No specific test data are available.

Skin corrosion/irritation Based on available data the classification criteria are not met.

Serious eye damage/irritation Based on available data the classification criteria are not met.

Respiratory sensitisation No specific test data are available.

Skin sensitisation Not determined.

Genotoxicity - in vitro This substance has no evidence of mutagenic properties.

Carcinogenicity No specific test data are available.

Reproductive toxicity - fertility Does not contain any substances known to be toxic to reproduction.

STOT - single exposure Not classified as a specific target organ toxicant after a single exposure.

STOT - repeated exposure Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard Not anticipated to present an aspiration hazard, based on chemical structure.

General information No specific health hazards known.

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12. Ecological Information

No negative effects on the aquatic environment are known. Not regarded as dangerous for the environment. The product is not expected to be hazardous to wastewater treatment processes.

12.1 Toxicity

12.2 Persistence and degradability

Product is slowly degradable

12.3 Bioaccumulative potential

Not known

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment:

The product does not meet the criteria for classification as PBT or vPvB.

12.6 Other adverse effects:

Not known

13. Waste Disposal Considerations

General information Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Disposal methods The generation of waste should be minimised or avoided wherever possible. Reuse or recycle products wherever possible. Only store in correctly labelled containers. Dispose of contents/container in accordance with national regulations. No specific disposal method required. Do not empty into drains.

14. Transport Information

The product is not covered by international regulations on the transport of dangerous goods

14.1 UN-Number:

Not applicable

14.2 UN proper shipping name:

Not applicable.

14.3 Transport hazard class(es):

Not applicable.

14.4 Packaging group:

Not applicable.

14.5 Environmental hazards:

None.

14.6 Special precautions for user:

None.

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

Not applicable.

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15. Regulatory information

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

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended)

15.2 Chemical Safety Assessment:

No chemical safety assessment has been carried out

16. Further Information

Abbreviations and acronyms used in the safety data sheet

ATE: Acute Toxicity Estimate.

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.

CAS: Chemical Abstracts Service.

IATA: International Air Transport Association.

IMDG: International Maritime Dangerous Goods.

LC₅₀: Lethal Concentration to 50 % of a test population.

LD₅₀: Lethal Dose to 50% of a test population (Median Lethal Dose).

PBT: Persistent, Bioaccumulative and Toxic substance.

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.

vPvB: Very Persistent and Very Bioaccumulative.

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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Revision:

This version supersedes version 01 from 8th June 2015