

SAFETY DATA SHEET SYMBIO CAVIAR

SDS COMPLETED 23RD JUNE 2015
REVIEWED: 28TH APRIL 2021

VERSION 01
REVISION NUMBER: N/A

1. Identification of the Substance and the Company

1.1 Product name

Symbio Caviar

1.2 Identified use(s)

Amenity and Horticultural Fertiliser

1.3 Manufacturer/Supplier

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 Telephone No.

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

This product has no classification under CLP.

Physical Hazards: Not Classified

Health Hazards: Not Classified

Environmental Hazards: Not Classified

2.2 Label elements

Pictogram None

Signal word None

Hazard statement(s) None

2.3 Other Hazards

Not a PBT or vPvB substance or mixture.

3. Composition/Information on Ingredients

The condensed and pelletised by-product from the manufacture of amino acids by fermentation.

Name	Product Identifier	Classification DSD / CLP
Vinasses granules	EC No.: 932-179-4 01-2119555297-30-0001	Not Classified

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4. First Aid Measures

Inhalation	Remove to fresh air and keep at rest. Get medical attention if discomfort continues
Skin	Rinse with running water. Remove contaminated clothing
Eyes	Rinse immediately with plenty of water. Continue to rinse for at least 10 minutes. Get medical attention if symptoms persist
Ingestion	Rinse mouth with water

5. Fire-Fighting Measures

5.1 Extinguishing Media

Use a suitable extinguisher for surrounding fire.

5.2 Special Hazards arising from the Substance

With heat, product produces carbon, carbon monoxide, carbon dioxide, nitrogen oxides and smoke.

5.3 Advice for Fire Fighters

Fire-fighters should wear full protective clothing and self-contained breathing apparatus appropriate to environmental conditions

6. Accidental Release Measures

6.1 Personal Precautions,

Ensure adequate ventilation
Avoid contact with skin and eyes
Wash hands thoroughly after handling

6.2 Environmental precautions

Contain spills and shovel into salvage container for disposal.
Prevent direct discharge into watercourses or lakes due to high BOD. If this does occur, inform Local Authorities at once.

6.3 Methods and Material for containment and cleaning up

Move containers/bags from spill area. Vacuum or sweep up material
Containment & Cleaning up and place in a designated labelled waste container.
Dispose of via a dedicated waste disposal contractor.

7. Handling and Storage

7.1 Precautions for Safe Handling

Read the label before use. Avoid contact with skin, eyes & clothing. Wear recommended PPE. Wash hands after working with product. Do not smoke, eat or drink when handling product

7.2 Conditions for Safe Storage, including any incompatibilities

Store in original container protected from direct sunlight in a dry, cool and well-ventilated area. Keep container tightly closed and sealed until ready for use. Any containers/bags that have been opened should be resealed and kept upright to prevent spillage.

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8. Exposure controls/ Personal protection

8.1 Control Parameters

This product does not contain any relevant quantities of materials with critical values that have to be controlled.

8.2 Exposure Controls

Eye protection:	Safety glasses or goggles may be desirable when emptying containers or drums. Avoid contact with eyes.
Hand protection:	Not required, but butyl rubber gloves advised. Avoid prolonged contact with skin. Wash hands before breaks and at the end of work.
Skin Protection:	Not required but suitable protective clothing is recommended.
Respiratory protection:	Not required except in the case of aerosol formation. Do not breathe spray.
Thermal Hazards:	Avoid heating over 40 °C

9. Physical and Chemical properties

9.1 Information on basic physical and chemical properties

Appearance at 25°C	Solid Prill
Odour	Weak Odour
Odour threshold	Not determined
pH value as is	Not applicable
Freezing point	Not applicable
Initial boiling point (°C)	Not applicable
Flash point (°C)	Not applicable
Evaporation rate	Not applicable
Flammability	Will not support combustion
Explosion limits (lower) (kg/ m ³)	Not applicable
Vapour pressure	Not applicable
Relative Density at 20 °C (kg/l)	0.8 typical, dependant on the particular diameter
Solubility in water (% weight)	Forms infinite aqueous solution. Soluble in polar solvents
Auto ignition temperature	Not known
Thermal decomposition (°C)	Begins about 60
Viscosity (cps) at 20°C	Not Applicable
Oxidising properties	Not considered to have oxidising properties
Explosive properties	Not considered to have explosive properties

9.2 Other information

No other relevant information

10. Stability and Reactivity

10.1 Reactivity

Stable under recommended handling and storage conditions

10.2 Chemical Stability

Stable under the recommended handling and storage conditions

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10.3 Possibility of Hazardous reactions

None known

10.4 Conditions to avoid

Stable unless diluted with water when yeast, mould and some harmless bacterial (e.g. Lactobacillus spp.) growth may occur in warm temperatures. Store at <40 °C

10.5 Incompatible Materials

Strong acids and alkalis, oxidising agents, ammonia, ammonium salts.

10.6 Hazardous decomposition

Typical combustion by-products

11. Toxicological information

Regarded as non-toxic

12. Ecological information

12.1 Toxicity

COD (mgO₂/g ds) About 550

BOD (mgO₂/g ds) About 500

Ecotoxicity Due to its high biological oxygen demand (BOD), accidental discharge of large quantities into rivers or lakes will cause temporary algal growth ('bloom') and dissolved oxygen reduction with possible deleterious effects on fish.

12.2 Persistence and Degradability

All organic components known to degrade quickly

12.3 Bioaccumulative potential

Not expected

12.4 Mobility in soil

The components have a high mobility in soil

12.5 Results of PBT and vPvB :

This product is not identified as a PBT / vPvB substance

12.6 Other adverse effects

None known

13. Disposal considerations

Not a specific hazard to waste water treatment plants, but does have very high biological oxygen demand (BOD). Confirm disposal methods in accordance with local regulations.

14. Transport information

Not classified for transport



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15. Regulatory information

16. Other information

Revision comments: Minor editorial changes throughout

Disclaimer

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