

SAFETY DATA SHEET
Revision date: 2023/04/06
Version No: 3
According to UN GHS

Proventus® DS

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Proventus® DS

Chemical Name Mixture
Use of the substance/preparation Bio stimulant

Contact Manufacturer
Novozymes South Asia Pvt. Ltd.
Plot No. 32, 47-50,
EPIP Area, Whitefield
560066 – Bangalore, India.
Telephone: +91 8030582000

Information Telephone Number
+91 8030582000 (work hours)

Emergency Telephone Number
1-800-424-9300 (Chemtrec) 24 hours every day

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Not Hazardous Not a dangerous substance or mixture according to the Globally Harmonised System (GHS)

2.2 Label elements

Signal word
none

Precautionary Statements

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P312 - Call a POISON CENTRE/doctor/physician if you feel unwell

2.3. Other hazards

Human health effects

This product has no known adverse effect on human health

Physical and Chemical Hazards
None known

Specific hazards

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None known

3. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains no substances which at their given concentration, are considered to be hazardous to health

4. FIRST AID MEASURES

In case of unintended overexposure, the following measures apply

Inhalation First Aid	Remove person to fresh air. If signs/symptoms continue, get medical attention. Show this safety data sheet to the doctor in attendance.
Skin Contact First Aid	Remove and wash contaminated clothing before re-use. Wash off immediately with plenty of water. If symptoms persist, call a doctor. Show this safety data sheet to the doctor in attendance.
Eye Contact First Aid	Hold eye open and rinse slowly and gently with water for 15-20 min. Remove contact lenses, if present, after the first five minutes, then continue rinsing eye. If symptoms persist, call a doctor. Show this safety data sheet to the doctor in attendance.
Ingestion First Aid	Rinse mouth with water and drink plenty of water. If symptoms persist, call a doctor. Show this safety data sheet to the doctor in attendance.

5. FIREFIGHTING MEASURES

Flammable properties	The product is not flammable.
Suitable Extinguishing Media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable Extinguishing Media	None.
Hazardous Combustion Products	None.

Protective Equipment and Precautions for Firefighters
Self-contained breathing apparatus and standard turn-out apparel.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	For personal protection see section 8.
Environmental Precautions	Collect spillage.
Methods for cleaning up	Avoid formation of dust and aerosols. Sweep up or vacuum up spillage and collect in suitable container for disposal.
Other Information	For personal protection see section 8.

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7. HANDLING AND STORAGE

Handling

Handle in accordance with good industrial hygiene and safety practice. Avoid formation of dust and aerosols.

Ensure adequate ventilation

This product is formulated to prevent formation of dust. However, inappropriate handling may release dust.

Storage

Keep tightly closed in a dry and cool place.

Temperature

4-30°C (39-86°F).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure controls

Engineering Controls

Ensure adequate ventilation, especially in confined areas

Maintain good conditions of industrial hygiene. Some processes may require enclosures, local exhaust ventilation, or other engineering controls to control airborne levels. Additional handling and healthy/safety information is available upon request

Personal Protective Equipment

Respiratory protection

In case of insufficient ventilation wear suitable respiratory equipment

Eye Protection

Wear safety glasses with side shields (or goggles)

Skin and body protection

No special technical protective measures are necessary

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice

Environmental exposure controls

Local authorities should be advised if significant spillages cannot be contained

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state	Powder
Colour	Light to dark brown
Odour	Slight fermentation odor
Density (g/ml)	0,75
Initial boiling point and boiling range	Not determined
Flash Point	Not determined
Flammability (solid, gas)	Not determined
Autoignition temperature	Not determined
Oxidising Properties	Not determined
Solubility	Readily soluble
Melting point/range	Not determined
Vapour Pressure	No data available
Partition Coefficient (n-octanol/water)	No data available

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9.2. Other information
No information available

10. STABILITY AND REACTIVITY

10.1. Reactivity
Not relevant

10.2. Chemical stability
Stable under recommended storage conditions

10.3. Possibility of hazardous reactions
None under normal processing

10.4. Conditions to avoid
Avoid destruction of granulate

10.5. Incompatible materials
None

10.6. Hazardous decomposition products
None

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

This product has no known adverse effect on human health.

Inhalation

May cause irritation of respiratory tract

Eye contact

May cause temporary eye irritation

Skin contact

Substance may cause slight skin irritation

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Contains no hazardous ingredients according to GHS

12.2. Persistence and degradability

no data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

Not relevant

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12.5. Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB

12.6 Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Disposal of wastes

Dispose of in accordance with local regulations.

Contaminated Packaging

Dispose of wastes in an approved waste disposal facility.

14. TRANSPORT INFORMATION

Transport Regulations

No dangerous goods according to transport regulations

No special precautions required

IATA	Not regulated
IMDG	Not regulated

14.1 UN number	not applicable
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14.2 UN proper shipping name	Not applicable
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14.3 Transport hazard class(es)	Not applicable
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14.4 Packing group	Not applicable
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14.5 Environmental hazards	Not applicable
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14.6 Special precautions for user	Not applicable
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14.7 Transport in bulk according to Annex II of MARPOL 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 or mixture

Please check the consequences of national regulations on this product yourself.

16. OTHER INFORMATION

GHS-Classification

The GHS calculation method has been used for classification of this mixture.

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Training advice

Contact Novozymes Customer Support Centre.

Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text. Furthermore, as the conditions of use are beyond the control of Novozymes, it is the responsibility of the customer to determine the conditions of safe use of these products.

End of Safety Data Sheet

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