

Safety Data Sheet

Corresponding to EC Directive 93/112/EC

141891002

Date of issue: 14-Jan-2003

Replaces version of: 27-Nov-2002

Trade name: **BIOSOL**

1. Identification of the product and of the company

Product name

BIOSOL

Company name

BIOCHEMIE Ges.m.b.H.

6250 Kundl

AUSTRIA

Emergency phone number

++43 5338/200

2. Composition / information on ingredients

Chemical characterisation of the substance / preparation

Contains: Biosol

Declaration:

dry mycelium from production of penicillin:

- approx. 90% organic substance

- approx. 5% water

- anorganic salts/substances

3. Hazards identification

Potential hazards:

In case of moisture exothermal biogenic processes possible.

4. First aid measures

After contact with the eyes:

Immediately rinse eyes with running water.

After contact with the skin:

Rinse contaminated skin immediately with plenty of water.

After inhalation:

Move to fresh air.

After ingestion or accident:

Drink water and call physician.

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5. Fire fighting measures

Extinguishing media, suitable:

all

Extinguishing media, not to be used:

no restrictions

Special advice in case of fire:

Cool container and metallic parts with a water spray jet

Hazardous products of combustion:

carbon dioxide, carbon monoxide, nitrogen oxides, sulfur dioxide

6. Accidental release measures

After spillage, leakage, gas leakage, large amounts:

Must not be released into sewers, drains or wells.

Take up as such and consider recycling.

After spillage, leakage, gas leakage, small amounts:

Wash away remnants with plenty of water and detergents.

Cleaning of equipment:

Wash with plenty of water.

7. Handling and storage

Preventive protective measures (fire/explosion hazard):

Take precautionary measures against static discharges. Avoid formation of dust.

In case of moisture exothermal biogenic processes possible.

Max. storage temperature (for safety reason only):

70 °C

Protective measures, storage and handling:

Keep dry.

8. Exposure controls / personal protection

Industrial hygiene:

After finishing work wash hands and face with water and soap

Personal protection for open handling:

Respiratory protection: in case of dust, use dust-mask.

Eye protection: Safety glasses according to EN166

Hand protection: Yes

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9. Physical and chemical properties

Tradeform: amorphous solid

Color: yellow brown

Odour: characteristic

Autoignition temperature:

> 360 °C

Bulk density: 750 kg/m³

pH-value: 3 - 5 (100 g/l / 20 °C)

10. Stability and reactivity

Isoperibolic decomposition (>8 h):

> 150 °C

Dust explosion test:

Positive

11. Toxicological information

No data available.

12. Ecological information

Easily biodegradable.

13. Disposal considerations

May be incinerated if local official regulations are observed.

14. Transport information

Regulations	Class	UN-Nr.	PGr.
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RID/ADR:	not restricted		
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15. Regulatory information

Classification: No labelling requirements according to EC Directives.

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16. Other information

Changes since the previous version in chapter

2. Composition / information on ingredients
 3. Hazards identification
 7. Handling and storage
 8. Exposure controls / personal protection
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Product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with legal regulations. The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should therefore not be construed as guaranteeing specific properties.

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