

Material Safety Datasheet

(91/155 EEC)

1. Information on the substance / preparation and on the company:

Trade name: SureBlock™
Catalog Number: SB232010
Supplier: LubioScience GmbH
Information in general: M+S

2. Composition / Details on the components:

Chemical characterization: Gelatine derivative
CAS-Number: 68410-45-7
MG: approx. 3 kD
Description: Gelatine protein
Danger instructions : none

3. Possible Dangers:

Danger instructions: none
Special Danger instructions for human beings and the environment: none

4. First aid measures:

General indications:

- **Skin contact:** wash with warm water
- **Eye contact:** wash with warm water
- **After swallowing:** drink water

Instruction for physicians: none

5. Measures for fire-fighting:

Suitable fire extinguisher: No restriction, product is not inflammable

Thermal decomposition: Formation of CO, CO₂ and N-compound

Special security equipment: none

6. Security measures in case of accidents:

For persons: No special requirements

For environment: No special requirements

Cleaning: Mechanical pick-up & removal or solving in water & removal

7. Handling and storage:

Instructions for handling: No special requirements
Maintain good conditions of hygiene!

Storage Dry, odourless, aldehyde-free conditions, Room Temperature

8. Exposure limits and personal security equipment

Additional indications for the design of technical plants: none

Personal security equipment:

- **Respiratory protection:** Not necessary
- **Hand safety guard:** Not necessary
- **Eye protection:** Not necessary
- **Body protection:** Not necessary

9. Physical and chemical characteristics:

Form: Powder

Colour: Light-coloured

Odour: Typical low odour level

Solubility: Soluble in cold and warm water

Viscosity: 2.0 - 6.0 mPas (20%, 25°C)

Bulk Density: 150 - 450 g/l

pH-Value: 5.0 - 7.0 (20%, RT) Potentiometer

10. Stability and reactivity:

Conditions to be avoided: None

Dangerous products of decomposition: CO, CO₂

11. Indication on toxicology:

No skin/eye irritation

No oral toxicity

12. Indication on ecology:

Biological oxygen requirement (BOR5):

Solution of 1%: approx. 800mg/l

Ecotoxicological effects:

None

- Completely biologically decomposable**
- No bacterial toxicity**
- No fish toxicity**

13. Instruction for disposal:

Recommendation:

Disposal according to legal regulations as domestic refuse or as compost

14. Instructions for transport:

No dangerous goods!

15. Regulations:

None

16. Further details:

This information is based on our present state of knowledge and does not certify product characteristics. The consignee of this product is responsible for the observance of all relevant laws and regulations.

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