

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 30.07.2008

Revision: 25.07.2008

1 Identification of substance:

- **Product details:**

- **Trade name:** **Bruker Bacterial Test Standard**

- **Application of the substance / the preparation** Laboratory chemicals

- **Manufacturer/Supplier:**

Bruker Daltonik GmbH
Fahrenheitstrasse 4
D-28359 Bremen/ Germany
Tel.: +49(421) 2205-0
Fax : +49(421) 2205-103
E-mail: info@bdal.de



- **Informing department:**

Bruker Daltonik GmbH
Tel.: +49 (421) 2205-240

- **Emergency information:**

Tel.: +49 (361)730730
Gemeinsames Giftinformationszentrum (GGIZ)

2 Hazards identification

- **Hazard designation:** void

- **Information pertaining to particular dangers for man and environment**

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

3 Composition/information on ingredients

- **Chemical characterization**

- **Description:** Protein mixture, lyophilised

- **Dangerous components:** Void

4 First aid measures

- **General information** Instantly remove any clothing soiled by the product.

- **After inhalation**

Take affected persons into the open air and position comfortably
Seek medical treatment in case of complaints.

- **After skin contact**

Instantly wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.

- **After eye contact** Rinse opened eye for several minutes under running water. Then consult doctor.

- **After swallowing**

Rinse the mouth with water immediately
Seek immediate medical advice.

- **Information for doctor** No particular measures are known - treat according to symptoms.

5 Fire fighting measures

- **Suitable extinguishing agents**

CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

- **For safety reasons unsuitable extinguishing agents** Water with a full water jet.

- **Special hazards caused by the material, its products of combustion or resulting gases:**

Formation of poisonous gases during heating or in fires.

- **Protective equipment:** Wear self-contained breathing apparatus.

(Contd. on page 2)

Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 30.07.2008

Revision: 25.07.2008

Trade name: Bruker Bacterial Test Standard

(Contd. of page 1)

· **Additional information**

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

6 Accidental release measures

· **Person-related safety precautions:**

*Wear protective equipment. Keep unprotected persons away.
Ensure adequate ventilation
Avoid causing dust.
Use breathing protection against the effects of fumes/dust/aerosol.
Avoid contact with eyes and skin.*

· **Measures for environmental protection:**

*Do not allow product to reach sewage system or water bodies.
Do not allow to enter the ground/soil.*

· **Measures for cleaning/collecting:**

*Collect mechanically.
Dispose of the material collected according to regulations.
Avoid causing dust.
Ensure adequate ventilation.*

· **Additional information:**

*Clean the accident area carefully.
See Section 13 for information on disposal.
See Section 8 for information on personal protection equipment.*

7 Handling and storage

· **Handling**

· **Information for safe handling:**

*Ensure good ventilation/exhaustion at the workplace.
Prevent formation of dust.
Avoid contact with the eyes and skin.
Avoid spilling
Keep eye irrigation utensils (bottle) ready for use at place of work.*

· **Information about protection against explosions and fires:** *No special measures required.*

· **Storage**

· **Requirements to be met by storerooms and containers:**

*Store only in the original container.
Provide floor trough without outlet.*

· **Information about storage in one common storage facility:**

*Store away from foodstuffs.
Store away from oxidizing agents.*

· **Further information about storage conditions:**

*Keep container tightly sealed.
Store in a cool place.*

· **Recommended storage temperature:** *< 0°C*

8 Exposure controls and personal protection

· **Additional information about design of technical systems:** *No further data; see item 7.*

· **Components with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· **Additional information:** *The lists that were valid during the compilation were used as basis.*

(Contd. on page 3)

Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 30.07.2008

Revision: 25.07.2008

Trade name: **Bruker Bacterial Test Standard**

(Contd. of page 2)

- **Personal protective equipment**
- **General protective and hygienic measures**
Keep away from foodstuffs, beverages and food.
Wash hands during breaks and at the end of the work.
Avoid contact with the eyes and skin.
Do not inhale dust / smoke / mist.
Take off immediately all contaminated clothing
- **Breathing equipment:** If dust is produced.
- **Recommended filter device for short term use:**



Filter P1

- **Protection of hands:**



Protective gloves.

Only use chemical-protective gloves with CE-labelling of category III.
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Not suitable are gloves made of the following materials:**
Leather gloves
Strong gloves
- **Eye protection:**



Tightly sealed safety glasses.

- **Body protection:** Protective work clothing.

9 Physical and chemical properties:

· General Information

Form:	Solid. lyophilized
Colour:	Brown
Odour:	Odourless

· Change in condition

Melting point/Melting range: Not determined
Boiling point/Boiling range: Not determined

- **Flash point:** Not applicable

(Contd. on page 4)

Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 30.07.2008

Revision: 25.07.2008

Trade name: **Bruker Bacterial Test Standard**

(Contd. of page 3)

- | | |
|--|------------------------------|
| · Self-inflammability: | Product is not selfigniting. |
| · Danger of explosion: | Product is not explosive. |
| · Density | Not determined |
| · Solubility in / Miscibility with Water: | mixable |

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Materials to be avoided:** strong oxidizing agents
- **Dangerous reactions** none, if used as directed
- **Dangerous products of decomposition:** none, if stored and handled correctly.

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** irritative effect possible
- **on the eye:** irritative effect possible
- **Sensitization:** Prolonged or repeated exposure may cause allergic reactions
- **Additional toxicological information:**
Possibly harmful by inhalation, harmful if swallowed and harmful in contact with skin.
The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:

12 Ecological information:

- **Ecotoxicological effects:** Not determined
- **General notes:**
Water danger class 3 (German Regulation) (Self-assessment): extremely hazardous for water.
Do not allow product to reach ground water, water bodies or sewage system, even in small quantities.
Danger to drinking water if even extremely small quantities leak into soil.

13 Disposal considerations

- **Product:**
- **Recommendation** For disposal, local regulations issued by the authorities must be observed.

- **European waste catalogue**

18 00 00	WASTES FROM HUMAN OR ANIMAL HEALTH CARE AND/OR RELATED RESEARCH (except kitchen and restaurant wastes not arising from immediate health care)
18 02 00	wastes from research, diagnosis, treatment or prevention of disease involving animals
18 02 05	chemicals consisting of or containing dangerous substances

- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- **Land transport ADR/RID (cross-border)**
- **ADR/RID-GGVS/E Class:** -

(Contd. on page 5)

Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 30.07.2008

Revision: 25.07.2008

Trade name: **Bruker Bacterial Test Standard**

(Contd. of page 4)

- **Maritime transport IMDG:**
- **IMDG Class:** -

- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

- **Transport/Additional information:** Not dangerous according to the above specifications.

15 Regulatory information

- **Designation according to EC guidelines:**

Observe the normal safety regulations when handling chemicals

The product is not subject to classification according to the calculation methods of the "General Classification Guideline for Preparations of the EC" as issued in the last version.

The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials (GefStoffV).

- **Special designation of certain preparations:**

Warning - this preparation contains substances not yet tested completely.

Contains Nuclease, ribo-. May produce an allergic reaction.

- **National regulations**

- **Water hazard class:** Water danger class 3 (Self-assessment): extremely hazardous for water.

16 Other information:

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing data specification sheet:**

IGG-AD Ingenieurbüro für Gefahrstoff- und Gefahrgutberatung

Bismarckstraße 10

D-68623 Lampertheim

Fax: 0049-(0)6206-58422

<http://www.igg-ad.de> info@igg-ad.de

- **Contact:**

Dr. U. Prinz

Dipl.-Chem. H. Hinse