

**1 Identification of the substance/mixture and of the company/undertaking**· **Product identifier**· **Trade name:** ***ETD Verification Kit II***· **Article number:** 255659· **Relevant identified uses of the substance or mixture and uses advised against**· **Application of the substance / the preparation** Laboratory chemicals· **Details of the supplier of the safety data sheet**· **Manufacturer/Supplier:**

Bruker Daltonik GmbH

Fahrenheitstrasse 4

D-28359 Bremen / Germany

Tel.: +49(421) 2205-0

Fax : +49(421) 2205-100

E-mail: care@bdal.de

· **Informing department:**

Bruker Daltonik GmbH

Tel.: +49 (421) 2205-240

· **Emergency telephone number:**

Emergency Phone : +61 3 9474 7000 ; 1800 278537 ; +49 421 2205 0

Tel.: +49 (361)730730

Gemeinsames Giftinformationszentrum (GGIZ) (Posion Information Center)

**2 Hazards identification**· **Classification of the substance or mixture**· **Classification according to Regulation (EC) No 1272/2008**

The substance is not classified according to the CLP regulation.

· **Classification according to Directive 67/548/EEC or Directive 1999/45/EC void**· **Additional information:** Caution - substance not yet fully tested.· **Label elements**· **Labelling according to Regulation (EC) No 1272/2008 Void**· **Hazard pictograms** Void· **Signal word** Void· **Hazard statements** Void· **Other hazards**· **Results of PBT and vPvB assessment**· **PBT:** Not applicable.· **vPvB:** Not applicable.**3 Composition/information on ingredients**· **Description:** Peptide**4 First aid measures**· **Description of 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.

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## according to 1907/2006/EC, Article 31

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- **Information for doctor** No particular measures are known - treat according to symptoms.
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### 5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents**  
CO<sub>2</sub>, 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 arising from the substance or mixture**  
Formation of poisonous gases during heating or in fires.
- **Advice for firefighters**
- **Protective equipment:** Wear self-contained breathing apparatus.
- **Additional information**  
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**  
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.
- **Environmental precautions:**  
Do not allow product to reach sewage system or water bodies.  
Do not allow to enter the ground/soil.
- **Methods and material for containment and cleaning up:**  
Collect mechanically.  
Dispose of the material collected according to regulations.
- **Reference to other sections**  
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**
- **Precautions for safe handling**  
Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of dust.  
Avoid contact with the eyes and skin.
- **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:** Store only in the original container.
- **Information about storage in one common storage facility:** Store away from foodstuffs.
- **Further information about storage conditions:**  
Keep container tightly sealed.  
Store in a cool place.
- **Recommended storage temperature:** -20 °C

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· **Specific end use(s)** No further relevant information available.

### 8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**
- **Components with limit values that require monitoring at the workplace:** Not required.
- **Additional information:** The lists that were valid during the compilation were used as basis.
- **Exposure controls**
- **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:** Not necessary if room is well-ventilated.
- **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:**



Safety glasses

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

### 9 Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**

<b>Form:</b>	Solid.
<b>Colour:</b>	-
<b>Odour:</b>	-

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- |                                     |  |
|-------------------------------------|--|
| · <b>Change in condition</b>        |  |
| <b>Melting point/Melting range:</b> | Not determined                             |
| <b>Boiling point/Boiling range:</b> | Not determined                             |
| · <b>Flash point:</b>               | Not applicable                             |
| · <b>Self-inflammability:</b>       | Product is not selfigniting.               |
| · <b>Danger of explosion:</b>       | Product is not explosive.                  |
| · <b>Density</b>                    | Not determined                             |
| · <b>Other information</b>          | No further relevant information available. |

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### 10 Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** none, if used as directed
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:**
  - strong acids
  - strong bases
- **Hazardous decomposition products:** none, if stored and handled correctly.

### 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
  - **on the skin:** irritative effect possible
  - **on the eye:** irritative effect possible
- **Additional toxicological information:**
  - Possibly harmful by inhalation, harmful if swallowed and harmful in contact with skin.

### 12 Ecological information

- **Toxicity**
- **Acquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Ecotoxicological effects:** Not determined
- **Additional ecological information:**
- **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.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

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### 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation** For disposal, local regulations issued by the authorities must be observed.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

- |  |  |
|--|--|
| · <b>UN-Number</b>   | Void   |
| · <b>ADR, ADN, IMDG, IATA</b>  | Void   |
| · <b>UN proper shipping name</b>   | Void   |
| · <b>ADR, ADN, IMDG, IATA</b>  | Void   |
| · <b>Transport hazard class(es)</b>  |  |
| · <b>ADR, ADN, IMDG, IATA</b>  | Void   |
| · <b>Class</b>   | Void   |
| · <b>Packing group</b>   |  |
| · <b>ADR, IMDG, IATA</b>   | Void   |
| · <b>Special precautions for user</b>  | Not applicable.                                      |
| · <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b> | Not applicable.                                      |
| · <b>Transport/Additional information:</b>                                       | Not dangerous according to the above specifications. |
| · <b>UN "Model Regulation":</b>  | -  |

### 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **National regulations**
- **Water hazard class:** Water danger class 3 (Self-assessment): extremely hazardous for water.
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### 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.  
Changes made since last issue dated 24.02.2008 at the following points: \*

- **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](mailto:info@igg-ad.de)
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Dr. U. Prinz ([u.prinz@igg-ad.de](mailto:u.prinz@igg-ad.de))  
Dipl.-Chem. H. Hinse ([heidrun.hinse@igg-ad.de](mailto:heidrun.hinse@igg-ad.de))
- **Abbreviations and acronyms:**  
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association

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ICAO: International Civil Aviation Organization

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

· **\* Data compared to the previous version altered.**

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