

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 28.02.2008

Revision: 28.02.2008

1 Identification of substance:

- **Product details:**
- **Trade name: Suspension Buffer**
- **Article number: S 400 10**
- **Application of the substance / the preparation** Detection System Solutions
- **Manufacturer/Supplier:**
Biotecon Diagnostics GmbH
Hermannswerder Haus 17
14473 Potsdam
Tel: +49 (0) 331-23 00 200
- **Informing department:**
Tel: +49 (0) 331-23 00 200
Fax: +49 (0) 331-23 00 299
- **Emergency information:** Tel: +49 (0) 331-23 00 200

2 Hazards identification

- **Hazard designation:** void
- **Information pertaining to particular dangers for man and environment**
void
Safety data sheet available for professional user on request.
- **Classification system**
The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Buffer solution
- **Dangerous components:** Void

4 First aid measures

- **General information**
Remove contaminated clothing.
No special measures required.
- **After inhalation** Supply fresh air; consult doctor in case of symptoms.
- **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.
Call a doctor immediately.
- **After swallowing** Do not induce vomiting; instantly call for medical help.

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5 Fire fighting measures

- **Suitable extinguishing agents**
Extinguishing powder, foam or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- **Special hazards caused by the material, its products of combustion or resulting gases:**
Formation of toxic gases is possible during heating or in case of fire.
- **Protective equipment:** Wear self-contained breathing apparatus.

6 Accidental release measures

- **Person-related safety precautions:**
Observe information for safe handling (item 7) and personal protective equipment (item 8).
- **Measures for environmental protection:**
Do not allow to enter drainage system, surface or ground water.
Inform respective authorities in case product reaches water or sewage system.
- **Measures for cleaning/collecting:**
Send for recovery or disposal in suitable containers.
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).

7 Handling and storage

- **Handling**
- **Information for safe handling:**
Store in cool, dry place in tightly closed containers.
Keep away from heat and direct sunlight.
Avoid contact with eyes and skin.
- **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.
Prevent any penetration into the ground.
- **Information about storage in one common storage facility:**
Keep away from strong oxidizing, alkalis and acidic materials.
- **Further information about storage conditions:** None.

8 Exposure controls and personal protection

- **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.
- **Personal protective equipment**
- **General protective and hygienic measures**
The usual precautionary measures should be adhered to general rules for handling chemicals.
- **Breathing equipment:** Not required.
- **Protection of hands:** Use gloves of stable material (i.e. nitril rubber).
- **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 trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

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- **For the permanent contact in work areas without heightened risk of injury (e.g. Laboratory) gloves made of the following material are suitable:**
Nitrile rubber, NBR
- **Eye protection:** Safety glasses recommended during refilling.
- **Body protection:** Wear suitable protective clothing.

9 Physical and chemical properties:

· General Information

Form:	Liquid
Colour:	Colourless
Odour:	odourless

· Change in condition

Melting point/Melting range: Not determined
Boiling point/Boiling range: > 100 °C

- | | |
|--|------------------------------|
| · Flash point: | Not applicable |
| · Self-inflammability: | Product is not selfigniting. |
| · Danger of explosion: | Product is not explosive. |
| · Density | Not determined |
| · Solubility in / Miscibility with Water: | Dispersible |
| · pH-value at 20°C: | ca. 8 |
| · Solvent content: | |
| Organic solvents: | 0.0 % |
| · Solids content: | 50.0 % |

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known
- **Dangerous products of decomposition:**
None in case of intended use and storage in compliance with instructions.

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritant effect.
- **Sensitization:**
Sensitive persons can possibly have allergic reactions. This is also valid below the fixed levels of exposure.
- **Additional toxicological information:**
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.

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12 Ecological information:

- **Information about elimination (persistence and degradability):**
- **Other information:** There are no data available about the preparation.
- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

13 Disposal considerations

- **Product:**
- **Recommendation** Smaller quantities can be disposed with household waste.
- **Uncleaned packagings:**
- **Recommendation:**
Disposal must be made according to official regulations.
Dispose of packaging according to regulations on the disposal of packagings.
- **Recommended cleaning agent:** Water, if necessary with cleaning agent.

14 Transport information

- **Land transport ADR/RID (cross-border)**
- **ADR/RID-GGVSE Class:** No hazardous good.
- **Maritime transport IMDG:**
- **IMDG Class:** No hazardous good.
- **Marine pollutant:** No
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** Not Restricted.
- **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 identification regulations under EC Directives and the Ordinance on Hazardous Materials.
 - **Special designation of certain preparations:**
Safety data sheet available for professional user on request.
 - **National regulations**
 - **Technical instructions (air):**
- | Class | Share in % |
|-------|------------|
| I | < 2,5 |
- **Water hazard class:** Water hazard class 1 (Self-assessment): slightly 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.

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- **Department issuing data specification sheet:**
This Material Safety Data Sheet has been drawn up in cooperation with:
DEKRA Umwelt GmbH, Vahrenwalder Str. 207 A, D-30165 Hannover,
Tel.: +49-(0)511-963550.
- * **Data compared to the previous version altered.**

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