

Safety Data Sheet

according to Regulation (EC) No 1907/2006

DAB Substrate Buffer (ZUC018-500)

Print date: 16.05.2014

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

DAB Substrate Buffer (ZUC018-500)

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture

in vitro-diagnostic reagent or laboratory reagent

1.3. Details of the supplier of the safety data sheet

Company name:	Zytomed Systems GmbH	
Street:	Anhaltinerstraße 16	
Place:	D-14163 Berlin	
Telephone:	+49 30 804 984 990	Telefax: +49 30 804 984 999
e-mail:	info@zytomed-systems.de	
Internet:	www.zytomed-systems.de	

1.4. Emergency telephone number:

+49 30 804 984 990

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

This mixture is not classified as hazardous according to Directive 1999/45/EC.

GHS classification

This mixture is not classified as hazardous according to Regulation (EC) No. 1272/2008.

2.2. Label elements

2.3. Other hazards

No risks worthy of mention.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Provide fresh air.

After contact with skin

Wash with plenty of water. Change contaminated clothing.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion

Rinse mouth immediately and drink plenty of water.

4.2. Most important symptoms and effects, both acute and delayed

No data available

4.3. Indication of any immediate medical attention and special treatment needed

No further informations

SECTION 5: Firefighting measures

5.1. Extinguishing media

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Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

5.2. Special hazards arising from the substance or mixture

The product itself does not burn.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Wear personal protection equipment.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

Treat the recovered material as prescribed in the section on waste disposal.

6.4. Reference to other sections

see chapter 8 and 13

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep container tightly closed.

7.3. Specific end use(s)

in vitro-diagnostic reagent or laboratory reagent

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****8.2. Exposure controls****Protective and hygiene measures**

Change contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

Hand protection

Tested protective gloves are to be worn: NBR (Nitrile rubber).

Eye protection

Suitable eye protection: Framed glasses.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state:	liquid
Colour:	colourless
Odour:	odourless

pH-Value (at 20 °C):

Test method

7,2 DIN 19261

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Changes in the physical state

Melting point:	Not determined
Initial boiling point and boiling range:	Not determined
Flash point:	Not determined

Flammability

Solid:	Not determined
Gas:	Not determined
Lower explosion limits:	Not determined
Upper explosion limits:	Not determined

Auto-ignition temperature

Solid:	Not determined
Gas:	Not determined
Vapour pressure:	Not determined
Density:	Not determined
Water solubility:	Not determined

Solubility in other solvents

Not determined	
Partition coefficient:	Not determined
Vapour density:	Not determined
Evaporation rate:	Not determined

9.2. Other information

No further informations

SECTION 10: Stability and reactivity**10.1. Reactivity**

No data available

10.2. Chemical stability

No data available

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

No data available

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

No data available

Further information

No further informations

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Sensitising effects**

May cause sensitization by skin contact.

Additional information on tests

The classification was carried out according to the calculation method of the Preparations Directive

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(1999/45/EC).

SECTION 12: Ecological information**12.1. Toxicity**

No data available.

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

Further information

The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Advice on disposal**

Dispose of waste according to applicable legislation.

Waste disposal number of waste from residues/unused products

160506 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; laboratory chemicals, consisting of or containing dangerous substances, including mixtures of laboratory chemicals
Classified as hazardous waste.

Contaminated packaging

Water (with cleaning agent). Completely emptied packages can be recycled.

SECTION 14: Transport information**Land transport (ADR/RID)****Other applicable information (land transport)**

No dangerous good in sense of these transport regulations.

Inland waterways transport (ADN)**Other applicable information (inland waterways transport)**

No dangerous good in sense of these transport regulations.

Marine transport (IMDG)**Other applicable information (marine transport)**

No dangerous good in sense of these transport regulations.

Air transport (ICAO)**Other applicable information (air transport)**

No dangerous good in sense of these transport regulations.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

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14.6. Special precautions for user

No further informations

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No further informations

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulatory information**

Water contaminating class (D): - - not water contaminating

15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information**Further Information**

This information is based on our present knowledge. No guarantee is given regarding its accuracy or comprehensiveness. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. Zytomed Systems shall not be held liable for resulting damages from handling or from contact with the above product. Paper copies are allowed to be used for internal use only.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)