

SAFETY DATA SHEET

according to Regulation (EG) no 1907/2006
 Generic EU MSDS – No country specific data
 REVISION DATE: 2014-07-04

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name: Phosphate Buffered Saline (PBS)-Tween™ 20 Tablets (pH 7.4)
 Article number: 09-8902, 09-8903, 09-9410

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

Identified uses: Laboratory chemical; washing buffer for various applications

1.3 Details of the supplier of the safety data sheet

Company: Medicago AB
 Danmark Berga 13
 755 98 Uppsala
 Telephone: +46 (0)18 56 11 80
 Facsimile: +46 (0)18 56 11 88
 E-mail address: info@medicago.se

1.4 Emergency telephone number

Emergency telephone number: Giftinformationscentralen 112

2. Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (EU-GHS/CLP)

Not classified as hazardous substance or mixture

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (EU-GHS/CLP)

This product does not need to be labelled in accordance with EU-directive or respective national laws.

Signal word: -

Hazard statement(s): -

Precautionary statement(s): -

Complementary hazard information:

No further information

2.3 Other hazards

No data available

3. Composition/information on ingredients

3.2 Mixtures

No component needs to be disclosed according to applicable regulations.

4. First aid measures

4.1 Description of first aid measures

If swallowed	Rinse mouth with water; never give anything by to an unconscious person; get medical attention if symptoms occur
If inhaled	Move to fresh air; get medical attention if symptoms occur; if person is not breathing, give artificial respiration and get medical attention
In case of skin contact	Wash with soap and water; remove contaminated clothes and shoes; get medical attention if irritation occurs
In case of eye contact	Wash thoroughly with plenty of water for at least 15 min; remove contact lenses if present and easy-to-do; get medical attention if irritation occurs
General advice	Get medical attention if you feel unwell; show this data sheet to the doctor in attendance

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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 data available

5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: dry chemical powder, water spray, fog or alcohol-resistant foam

Unsuitable extinguishing media: do not use water jet

5.2 Special hazards arising from the substance or mixture

Sodium oxides, phosphor oxides

5.3 Advice for fire fighters

Wear self-contained breathing apparatus for firefighting if necessary

5.4 Further information

Product may be combustible at high temperature

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation; avoid breathing dust; wear lab coat, safety goggles, suitable protection gloves and boots; wash hands before and after use

6.2 Environmental precautions

No data available

6.3 Methods and material for containment and cleaning up

Use appropriate tools to put the spilled material into a convenient waste disposal container; keep container closed for disposal; finish cleaning by spreading water over the contaminated area

6.4 Reference to other sections

For disposal: see section 13

7. Handling and storage

7.1 Precautions for safe handling

Avoid dust formation; assure adequate ventilation where dust is formed; keep away from heat and ignition; avoid contact with skin and eyes

7.2 Conditions for safe storage, including any incompatibilities

Store at room temperature in a tightly closed container; use original container/packaging

7.3 Specific end use(s)

No data available

8. Exposure controls/personal protection

8.1 Control parameters

No data available

8.2 Exposure controls

Appropriate engineering controls

Use general hygiene procedures; use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits; if user operations generate dust, fume, or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit

Personal protective equipment

Eye/face protection

Wear safety goggles (EN 166)

Skin protection

Use proper lab gloves; gloves must be inspected prior to use

Body Protection

Wear lab coat or other impervious clothes; type of protection equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace

Respiratory protection

If necessary, use dust respirator tested and approved under appropriate government standards such as NIOSH (USA) or CEN (EU)

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	white tablets
Odour	no data available
Odour threshold	no data available
pH	7.4 at 25° C
Melting point/ freezing point	no data available
Initial boiling point and boiling range	no data available
Flash point	no data available
Evaporation rate	no data available
Flammability (Solid, gas)	no data available
Upper/lower flammability or explosive limits	no data available
Vapour pressure	no data available
Vapour density	no data available
Relative density	no data available
Water solubility	completely soluble
Partition coefficient: n-octanol/ water	no data available
Auto-ignition temperature	no data available
Decomposition temperature	no data available
Viscosity	no data available
Explosive properties	no data available
Oxidizing properties	no data available

9.2 Other information

No further information

10. Stability and Reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under recommended storage conditions

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

Heat

10.5 Incompatible materials

No data available

10.6 Hazardous decomposition products

In case of fire: sodium oxides, phosphor oxides

11. Toxicological information

11.1 Information on toxicological effects

11.1.2 Mixtures

Acute toxicity

No data available

Skin corrosion/irritation

No data available

Serious eye damage/ eye irritation

No data available

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

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15. Regulatory information

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

No data available

15.2 Chemical safety assessment

No data available

16. Other information

This information is based on the current state of knowledge.

Precaution and disclaimer: For laboratory use only; not for drug, household, or any other use.