SAFETY DATA SHEET
according to Regulation (EG) no 1907/2006
Generic EU MSDS – No country specific data
REVISION DATE: 2014-05-13

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

1.1 Product identifier
Product name: Phosphate Buffered Saline (PBS), pH 7.4
Article number: 12-9426, 12-9425, 12-9422, 12-9424, 12-9423

1.2 Relevant identified uses of the substance or mixture, and uses advised against
Identified uses: Laboratory chemical, manufacture of substances

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) Nr 1272/2008 (EU-GHS/CLP)

2.2 Label elements
Labelling according to Regulation (EC) Nr 1272/2008 (EU-GHS/CLP)
The product does not need to be labelled in accordance with EC directives or respective national laws.

2.3 Other hazards
None

3. Composition/information on ingredients

3.2 Mixtures
No components need to be disclosed according to the applicable regulations.

4. First aid measures

4.1 Description of first aid measures
If swallowed In case of ingestion, immediately flush mouth with plenty of water. Get medical attention.
If inhaled If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
In case of skin contact Wash off with soap and plenty of water. Consult a physician.
In case of eye contact Check for and remove any contact lenses. Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
General advice Consult a physician. Show this safety data sheet to the doctor in attendance.

4.2 Most important symptoms and effects, both acute and delayed
To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

4.3 Indication of any immediate medical attention and special treatment needed
No data available.
5. Fire fighting measures

5.1 Extinguishing media
Use dry chemical powder. Large fire: Use water spray, fog or alcohol-resistant foam.

5.2 Special hazards arising from the substance or mixture
No data available.

5.3 Advice for fire fighters
Wear self-contained breathing apparatus and full turnout gear if necessary.

5.4 Further information
No data available.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Avoid breathing dust.

6.2 Environmental precautions
Do not let product enter drains.

6.3 Methods and material for containment and cleaning up
Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.3 Reference to other sections
For disposal, see section 13.

7. Handling and storage

7.1 Precautions for safe handling
Wear suitable protective clothing. Avoid contact with, skin, eyes and clothing. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.

7.2 Conditions for safe storage, including any incompatibilities
Store at room temperature in tightly closed container. Store in a well ventilated place. Use original container.

7.3 Specific end use(s)
No data available.

8. Exposure controls/personal protection

8.1 Control parameters
No components with workplace control parameters.

8.2 Exposure controls
Appropriate engineering controls
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and off hours and at the end of the workday.

Personal protective equipment
Eye/face protection
Safety glasses

Skin protection
Use gloves. Wash and dry hands after use.

Body Protection
Impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
If necessary, use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance: Form: powder
Odour: no data available
Odour threshold: no data available
pH: 7.4
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: 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 data available

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

10.3 Conditions to avoid

No data available

10.5 Incompatible materials

Strong oxidizing agents, strong acids

10.6 Hazardous decomposition products

No data available

11. Toxicological information

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
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
Reproductive toxicity
No data available

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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

13. Disposal considerations

13.1 Waste treatment methods  
Waste must be disposed of in accordance with federal, state and local environmental control regulations. Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

    Contaminated packaging  
    Dispose of as unused product

14. Transport information

14.1 UN-number  
ADR-RID, IMDG, IATA: -

14.2 UN proper shipping name  
ADR-RID, IMDG, IATA: -

14.3 Transport hazard class(es)  
ADR-RID, IMDG, IATA: -

14.4 Packaging group  
ADR-RID, IMDG, IATA: -

14.5 Environmental hazards  
ADR-RID: no  
IMDG, water pollutant: no  
IATA: no

14.6 Special precautions for user  
No available data
15. Regulatory information

This safety datasheet 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.