

SAFETY DATA SHEET

according to Regulation (EG) no 1907/2006
Generic EU MSDS – No country specific data
REVISION DATE: 2014-06-26

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

1.1 Product identifier

Product name: SSPE Tablets (PBS-EDTA buffer) pH 7.4
Article number: 09-8952

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

Identified uses: Laboratory chemical

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)

Classified as: Acute Toxicity 4 (oral), H302

2.2 Label elements

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



Signal word: Warning

Hazard statement(s):

H302 Harmful if swallowed

Precautionary statement(s):

P261 Avoid breathing dust/fume/gas/mist/vapours/spray

P270 Do not eat, drink or smoke when using this product

P301+312 IF SWALLOWED: Call POISON CENTER/doctor if you fell unwell

P330 Rinse mouth

Complementary hazard information:

No further information

2.3 Other hazards

No data available

3. Composition/information on ingredients

3.2 Mixtures

| Substance | CAS-no. | EC-no. | Index-no. | Weight % | Classification according to constitution (EG) no 1272/2008 (CLP) |
|--|-----------|-----------|-----------|----------|--|
| Sodium Chloride | 7647-14-5 | 231-598-3 | - | 70-80% | Not classified |
| Na ₂ HPO ₄ | 7558-79-4 | 231-448-7 | - | 10-15% | Not classified |
| NaH ₂ PO ₄ | 7558-80-7 | 231-449-7 | - | < 1% | Not classified |
| Na ₂ EDTA x 2H ₂ O | 6381-92-6 | 205-358-3 | - | 3.4 % | Acute Tox 4, H302 |

4. First aid measures

4.1 Description of first aid measures

- If swallowed Rinse mouth with water; never give anything by mouth to an unconscious person; get medical attention
- If inhaled Move to fresh air; if person is not breathing, give artificial respiration; get medical attention
- In case of skin contact Wash thoroughly 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

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

5.2 Special hazards arising from the substance or mixture

Carbon oxides, sodium oxides, phosphor oxides

5.3 Advice for fire fighters

Wear self-contained breathing apparatus for firefighting

5.4 Further information

No further information

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

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

6.2 Environmental precautions

No data available

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6.3 Methods and material for containment and cleaning up

Sweep/shovel up spilled material into a suitable waste disposal container; keep container closed for disposal; finish cleaning by spreading water over the contaminated area and ventilate the room

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; avoid contact with skin and eyes

7.2 Conditions for safe storage, including any incompatibilities

Store in a tightly close container at room temperature

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 (after dissolving in water) |
| 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 | 1.19 g/cm ³ |
| 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 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

No data available

10.5 Incompatible materials

Strong oxidizing agents

10.6 Hazardous decomposition products

In case of fire: carbon oxides, 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

Reproductive toxicity

No data available

Specific target organ toxicity – single exposure

No data available

Specific target organ toxicity – repeated exposure

No data available

Aspiration hazard

No data available

Potential health effects

Inhalation May cause respiratory tract irritation

Ingestion Harmful if swallowed

Skin May cause skin irritation

Eye May cause eye irritation

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

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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.

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: Not dangerous goods
IMDG: Not dangerous goods
IATA: Not dangerous goods

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 data available

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

No data available

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.

Text of H-phrase(s) in section 3

H302 Harmful if swallowed

Acute Tox 4 Acute Toxicity (category 4)