

Biochrom AG SAFETY DATA SHEET

acc. to EG guideline 91/155/EWG

Trade name:

Instamed 9.55 g/l PBS Dulbecco
without Ca²⁺/Mg²⁺

Cat.No.:

L 182-01/05/10/50

Manufacturer/supplier:

Biochrom AG

Date

01.07.2009

Filename.: SDS-L182-en-02.doc

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1. Name of substance and manufacturer/supplier:

1.1 Trade name:

Instamed 9.55 g/l PBS Dulbecco
without Ca²⁺/Mg²⁺

Cat.No.:

L 182-01/05/10/50

1.2 Manufacturer/supplier:

Biochrom AG
Leonorenstr. 2-6
12247 Berlin / Germany
Tel.: 030-7799060 – Telefax: 030-7710012
email: info@biochrom.de

1.3 In case of emergency:

Contact your local poison emergency centre

2. Chemical characteristics / Ingredients

Only for *in vitro* use; contains salts. Does not contain hazardous substances legally required for labelling. Currently nothing is known on possible hazardous nature.

CAS-No.:

7647-14-5 NaCl

7558-79-4 Na₂HPO₄·2H₂O

7778-77-0 KH₂PO₄

7447-40-7 KCl

3. Possible hazard

3.1 Precautionary measures:

The general precautionary measures about the use of chemicals have to be considered. In general not water-hazardous.

4. Emergency / First Aid:

4.1 Eye contact:

Flush eyes thoroughly with plenty of water with open lid. In case of indisposition seek medical advice.



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4.2 Skin contact:

Wash skin with soap and plenty of water. In case of skin irritation, seek medical advice.

4.3 Ingestion:

Wash out mouth with plenty of water, do not swallow. In case of indisposition, seek medical advice.

4.4 Inhalation:

Fresh air, in case of indisposition seek medical advice.

4.5. Puncture wounds

Allow to bleed freely before disinfecting the wound. In case of irritation seek medical advice.

4.6 Advice for the physician:

Therapy according to symptoms.

5. Precautions for fire fighting:

5.1 Fire extinguisher media:

No restriction

5.2 Thermic disintegration:

Toxic and irritating fumes cannot develop

6. Precautions for unintentional release:

6.1 Precautions for spilling:

Dilute with water and absorp.

6.2 Binder:

No restriction

Special precautions to restrict damage are not necessary

7. Storage and handling:

7.1 Handling:

The powder substance is not flammable. No

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special restrictions.

7.2 Storage:

To be stored at +15 - +25 °C

8. Exposition of restriction and personal protective clothes

8.1 MAK value:

None

8.2 Breathing protection:

In case of dust formation, respirator or
protective mask

8.3 Eye protection:

Safety glasses

8.4 Hand protection:

Protective gloves – before breaks and after
finishing work, hands need to be washed.

9. Physical / chemical characteristics:

9.1 Appearance:

Powder

9.2 Colour:

White

9.3 Odor:

Typical odour of sulphurous amino acids

9.4 pH value:

7.3 – 7.7 when dissolved

9.5 Boiling point:

n.a.

9.6 Melting point:

n.a.

9.7 Balzing point:

n.a.

9.8 Ignition temperature:

n.a.

9.9 Explosion pressure:

n.a.

9.10 Evaporation rate:

n.a.

9.11 Density:

n.a.

9.12 Solubility in water:

Soluble

10. Stability and reactivity:

10.1 Hazardous reaction:

Not known if used as advised

**10.2 Hazardous decomposition
products:**

None

11. Information to toxicology:



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11.1 LD50 oral:	Not known
11.2 LD50:	Not known
11.3 LD50 dermal:	Not known
11.4 LD50 inhalativ:	Not known

12. Information to ecology:

12.1 Water-hazardous classification:	0 (Selfassessment)
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13. Information for disposal:

By following public authority's rules, the remnants can be flushed down the drain with plenty of water.

14. Angaben zum Transport

14.1 GGVE/GGVS:)
14.2 ICAO/IATA-DGR:)
14.3 GGVSee/IMDG-CODE:)
14.4 RID/ADR:)
14.5 Un-No.:)
14.6 MFAG:)
14.7 EMS:)

Does not apply to the current regulations for dangerous goods (GGVS/ADR, GGVE/RID, IMDG, IATA/ICAO).

15. Regulations:

According to the EU directives, it is not necessary to declare this product as hazardous material.

16. Special note:

The above information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. Individuals receiving this

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information must exercise their independent judgement in determining its appropriateness for a particular purpose.

For *in vitro* use only.