

 **Biochrom AG SAFETY DATA SHEET**

acc. to EG guideline 91/155/EWG

Trade name: Fetal Bovine Serum, charcaol-stripped,
hormone free
Cat.-no.: S 3113
Manufacturer/supplier: Biochrom AG
Date: 09.03.2010

File-no.: SDS-S3113-en-01.doc

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1. Name of substance and manufacturer/supplier:

1.1 Trade name: Fetal Bovine Serum, charcoal-stripped,
hormone free
Cat.-no.: S 3113
1.2 Manufacturer/supplier: Biochrom AG
Leonorenstr. 2-6
12247 Berlin
Tel.: ++49-30-7799060, Fax: 7710012
email: info@biochrom.de
1.3 In case of emergency: Contact your local poison emergency centre

2. Physical/chemical characteristics/ingredients: Does not contain hazardous substances legally required for labelling.

CAS-No.: not available

3. Precautionary measures: The general precautionary measures about the use of chemicals have to be considered.

3.1 Hazardous ingredients: Avoid contact with skin and eyes, product may be irritating. Do not swallow. Do not inhale, may be irritating to mucous membranes and upper respiratory tract. No detailed toxicological data available.

4. Emergency / First Aid:

4.1 Eye contact: Flush thoroughly with water, call a physician.

4.2 Skin contact: Immediately wash skin with soap and plenty of water. Should irritation occur, call a physician.

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- 4.3 Ingestion:** If swallowed, wash out mouth with water. In case of indisposition seek a physician immediately.
- 4.4 Inhalation:** If inhaled, remove person to fresh air. If breathing becomes difficult call a physician.
- 4.5 Puncture wounds:** Wash thoroughly with soap and water. Allow to bleed freely. Call a physician.
- 4.5 Note to physician:** Not available.

5. Precautions for fire fighting:

- 5.1 Fire extinguisher media:** No restriction
- 5.2 Thermic disintegration:** Toxic and irritating fumes can not develop

6. Precautions for unintentional release:

- 6.1 Precautions for spilling:** Wear chemical-resistant gloves. Absorb spill and place in closed container for disposal. Ventilate and wash area thoroughly after clean-up is complete.
- 6.2 Binder:** No restriction

Special precautions to restrict damage are not necessary

7. Storage and handling:

- 7.1 Handling:** Should be handled by trained personnel observing good laboratory practices. Avoid breathing vapour. Avoid skin contact or swallowing. May cause allergic reaction in sensitized individuals.

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7.2 Storage: To be stored at -20 °C

8. Exposition of restriction and personal protective clothes.

8.1 MAK-value: None

8.2 Breathing protection: Not necessary, use with adequate ventilation.

8.3 Eye protection: Safety glasses.

8.4 Hand protection: Protective gloves, wear lab coat. Before breaks and after finishing work, hands need to be washed.

9. Physical/chemical characteristics:

9.1 Appearance: Liquid

9.2 Colour: Clear, amber

9.3 Odour: Serum typical

9.4 pH-value: 6.35 – 8.15

9.5 Boiling point: n.a.

9.6 Melting point: n.a.

9.7 Blazing 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

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11. Information to toxikology:

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)

13. Information for disposal:

Disposal should be in accordance with existing practices at your institution. Observe all Federal, Provincial/State and Local Laws.

14. Information to transport

14.1 GGVE/GGVS: 14.4 RID/ADR:
14.2 ICAO/IATA-DGR: 14.5 Un-No.:
14.3 GGVSee/IMDG-CODE: 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 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 information must exercise their independant judgment in determining its appropriateness for a particular purpose.

For *in vitro*-use only.