acc. to EG guideline 91/155/EWG

Trade name: Newborn Calf Serum Cat.-no.: S 0123/S 0125/S 0120

Manufacturer/supplier: Biochrom AG Date: 03.02.2009

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1. Name of substance and manufacturer/supplier:

1.1 Trade name: Newborn Calf Serum

Cat.-no.: S 0123 / S 0125 / S 0120

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 No known

characteristics/ingredients:

No known hazardous components.

CAS-No.: not available

3. Precautionary measures: the general precautionary measures about the

use of chemicals have to be considered

3.1 Hazardous ingredients: This product is a potential irritant to eyes,

respiratory system, and skin. This product may

also be harmful if ingested. Complete toxicological properties have not yet been

determined.

Absorbed through skin, eye contact, inhalation,

and ingestion.

Eye: may cause eye irritation. Skin: may cause skin irritation.

Inhalation: may be harmful if inhalated; material may be irritating to mucous membranes and

upper respiratory tract.

Ingestion: may be harmful if swallowed.

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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.

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

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

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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.

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: Use with adequate ventilation. This is a

laboratory-use product for which no industrial protective equipment has been designated.

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, amber9.3 Odour:Serum typical9.4 pH-value:7.0 - 8.35

9.5 Boiling point:9.6 Melting point:

9.7 Blazing point:

9.8 Ignition temperature:9.9 Explosion pressure:9.10 Evaporation rate:

9.11 Density:

9.12 Solubility in water: Soluble

in viscosity:

acc. to EG guideline 91/155/EWG

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10. Stability and reactivity:

10.1 Hazardous reaction: Not known if used as advised

10.2 Hazardous decomposition

products:

None

11. Information to toxikology:

11.1 LD50 oral:Not known11.2 LD50:Not known11.3 LD50 dermal:Not known11.4 LD50 inhalativ:Not known

12. Information to ecology:

12.1 Water-hazardousclassification: 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

acc. to EG guideline 91/155/EWG

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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.