

# **Biochrom AG SAFETY DATA SHEET**

acc. to EG guideline 91/155/EWG

Trade name:

Earle's salt solution (EBSS)  
with 2.2 g/l NaHCO<sub>3</sub>

Cat.No.:

L 1915

Manufacturer/supplier:

Biochrom AG

Date:

01.07.2009

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## **1. Name of substance and manufacturer/supplier:**

**1.1 Trade name:**

Earle's salt solution (EBSS) with 2.2 g/l  
NaHCO<sub>3</sub>

**Cat.No.:**

L 1915

**1.2 Manufacturer/supplier:**

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

**1.3 In case of emergency:**

Contact your local poison emergency centre

## **2. Chemical characteristics / Ingredients**

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

CAS-No.:

10035-04-8 CaCl<sub>2</sub>·2H<sub>2</sub>O

10034-99-8 MgSO<sub>4</sub>·7H<sub>2</sub>O

7647-14-5 NaCl

7447-40-7 KCl

7558-79-4 Na<sub>2</sub>HPO<sub>4</sub>·H<sub>2</sub>O

50-99-7 D-Glucose

34487-61-1 Phenol red-Na

144-55-8 NaHCO<sub>3</sub>

## **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 water. In case of indisposition, call a physician.

**4.4 Inhalation:**

Fresh air, in case of indisposition seek medical advice.

**4.5 Puncture wounds:**

Wash thoroughly with soap and water. Allow to bleed freely.

**4.5 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 can not develop

**6. Precautions for unintentional release:**

**6.1 Precautions for spilling:**

Absorb fluid

**6.2 Binder:**

No restriction

**Special precautions to restrict damage are not necessary**

**7. Storage and handling:**

**7.1 Handling:**

Fluid not flammable. No special restrictions

**7.2 Storage:**

To be stored at +2 - +25 °C



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## **8. Exposition of restriction and personal protective clothes**

- 8.1 MAK value: None
- 8.2 Breathing protection: In general not necessary, only with the formation of aerosols
- 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: Liquid
- 9.2 Colour: Red
- 9.3 Odor: None
- 9.4 pH value: 6 - 8
- 9.5 Boiling point: Not known
- 9.6 Melting point: Not known
- 9.7 Blazing point: Not known
- 9.8 Ignition temperature: Not known
- 9.9 Explosion pressure: Not known
- 9.10 Evaporation rate: Not known
- 9.11 Density: Not known
- 9.12 Solubility in water: Soluble, solution

## **10. Stability and reactivity:**

- 10.1 Hazardous reaction: Not known if used as advised
- 10.2 Hazardous decomposition products: None

## **11. Information to toxicology:**

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



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## **12. Information to ecology:**

**12.1 Water-hazardous classification:**

0 (Selfassessment)

## **13. Information for disposal:**

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

## **14. Information to 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 information must exercise their independent judgement in determining its appropriateness for a particular purpose.

For *in vitro* use only.