

Biochrom AG SAFETY DATA SHEET

acc. to EG guideline 91/155/EWG

Trade name: EDTA (Versen)
Cat.No.: L 2113
Manufacturer/supplier: Biochrom AG
Datum: 08.03.2010

Filename.:SDS-L2113-en-01.doc

Page 1 of 5

1. Name of substance and manufacturer/supplier:

1.1 Trade name: EDTA (Versen) 1 % in PBS
without Ca²⁺/Mg²⁺

Cat.No.: L 2113

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

EDTA, tetrasodium salt

CAS-No.: 64-02-8

EINECS-No.: 200-573-9

3. Possible hazard

3.1 Precautionary measures: Classification of preparation:
Xn (harmful), R-42, R-36/37/38
May cause eye or skin irritation.
May be harmful if inhaled or swallowed.
The general precautionary measures about
the use of chemicals have to be considered.

4. Emergency / First Aid:

4.1 Eye contact: Rinse eyes with plenty of water for at least
15 minutes. If symptoms occur, see a
doctor.

4.2 Skin contact: Wash skin with plenty of water. In case of
skin irritation, seek medical advice. Remove
contaminated clothing.



Biochrom AG SAFETY DATA SHEET

acc. to EG guideline 91/155/EWG

Trade name: EDTA (Versen)
Cat.No.: L 2113
Manufacturer/supplier: Biochrom AG
Datum: 08.03.2010

Filename.:SDS-L2113-en-01.doc

Page 2 of 5

4.3 Ingestion: Rinse mouth thoroughly with water. Do NOT induce vomiting. Call a physician.

4.4 Inhalation: Remove person to fresh air. If breathing becomes difficult, call a physician.

4.4 Advice for the physician: Therapy according to symptoms.

5. Precautions for fire fighting:

5.1 Fire extinguisher media: Small fires: dry chemical powder.
Major fires: water spray, foam.
No full water jet!

5.2 Thermic disintegration: Wear self-contained breathing apparatus and complete protective equipment.

6. Precautions for unintentional release:

6.1 Precautions for spilling: Spilled preparation should be removed immediately with plenty of water. Avoid splashing and high pressure washing (avoid formation of aerosols). Ensure sufficient ventilation. Wash contaminated clothing.

6.2 Binder: No restriction

7. Storage and handling:

7.1 Handling: Avoid formation of aerosols. Avoid splashing and high pressure washing. Ensure good ventilation of the room, when handling this preparation.

7.2 Storage: To be stored at +2 - +8°C



Biochrom AG SAFETY DATA SHEET

acc. to EG guideline 91/155/EWG

Trade name: EDTA (Versen)
Cat.No.: L 2113
Manufacturer/supplier: Biochrom AG
Datum: 08.03.2010

Filename.:SDS-L2113-en-01.doc

Page 3 of 5

8. Exposition of restriction and personal protective clothes

8.1 MAK value: None
8.2 Breathing protection: Protective mask or breathing apparatus
8.3 Eye protection: Protective 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: Solution
9.2 Colour: Colourless
9.3 Odor: Odourless
9.4 pH value: 5 - 6
9.5 Boiling point: not known
9.6 Melting point: not known
9.7 Balzing 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

10. Stability and reactivity:

10.1 Hazardous reaction: Reacts with oxidants, acids.
10.2 Hazardous decomposition products: Carbon dioxides (CO, CO₂), nitric oxides (NO, NO₂)

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
11.5 Toxicol. Information: May be irritant to skin and eyes. It may also be harmful if ingested.



Biochrom AG SAFETY DATA SHEET

acc. to EG guideline 91/155/EWG

Trade name: EDTA (Versen)
Cat.No.: L 2113
Manufacturer/supplier: Biochrom AG
Datum: 08.03.2010

Filename.:SDS-L2113-en-01.doc

Page 4 of 5

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. 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:

Classification irritating
R-36/37/38 irritating to eyes, respiratory system and skin
S-26 in case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S-36 wear suitable protective clothing

 **Biochrom AG SAFETY DATA SHEET**

acc. to EG guideline 91/155/EWG

Trade name:	EDTA (Versen)
Cat.No.:	L 2113
Manufacturer/supplier:	Biochrom AG
Datum:	08.03.2010

Filename.:SDS-L2113-en-01.doc

Page 5 of 5

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.

Only for *in vitro* use