

SAFETY DATA SHEET

Date of issue: 2010-08-26

version no 3.0

Replaces: 2009-05-29

1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

PRODUCT NAME: EURIA-ANGIOTENSIN II, RB 320 (1323) COMPONENT Anti-serum (Reagent A)
EURIA-CHROMOGRANIN A, RB 321 (1330) NAME: ¹²⁵I-labelled antigen
EURIA- β -ENDORPHIN, RB 301 (1205) (Reagent B)
EURIA-ENDOTHELIN, RB 304 (1206) Double antibody
EURIA-GASTRIN, MD 302 (1201) (Reagent C)
EURIA-GLUCAGON, RB 310 /1207) Diluent
EURIA- α -MSH, RB 303 (1208) Standard
EURIA-MOTILIN, RB 308 (1209) Standard diluent
EURIA-NPY, RB 317 (1318) Control, low
EURIA-PP, RB 316 (1211) Control, high
EURIA-SOMATOSTATIN, RB 306 (1212) Assay buffer
EURIA-VASOPRESSIN, RB 319 (1322)
EURIA-VIP, RB 311 (1214)
EURIA-CHROMOGRANIN B, RB 322

USE: In vitro diagnostic use

SUPPLIER: Euro-Diagnostica AB
P.O. Box 50117
SE-202 11 Malmö, Sweden

CONTACT: Åsa Anderlind,
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2. HAZARDS IDENTIFICATION

Health: The product is not classified as harmful. Inhalation may cause mild irritation of the throat and cough. Prolonged or repeated skin contact may smart and cause redness. Ingestion may cause dizziness, headache, nausea and hypotension.

Environmental: The product is not classified as environmentally hazardous. It contains a small amount of sodium azide which is very toxic to aquatic organisms and may cause long-term adverse effects in the aquatic environment.

Fire: The product is not combustible.

Physical/chemical: Contains a small amount of sodium azide and may develop toxic and explosive hydrogen azide in contact with acid.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Substance	CAS No.	Percentage %	Classification; Risk-phrases*
Sodium azide	26628-22-8	0,05	T+; R28 R32 N; R50/53

* Classification and Risk-phrases according to the Swedish National Chemicals Inspectorate regulations, "Regulations on Classification and Labelling of Chemical Products, (KIFS 1994:12; 2001:3)".
Declared R-phrases are explained under chapter 16.

4. FIRST AID MEASURES

Inhalation: Remove to fresh air and rest.

Skin contact: Flush immediately with plenty of water. Remove contaminated clothes. Wash skin thoroughly with soap and water.

Eye contact: Flush with plenty of water for several minutes. Keep the eyelids open and remove possible contact lenses. Seek medical advice if pains remain.

Ingestion: Give a glass of milk or water. Seek medical advice if more than an insignificant amount has been ingested.

5. FIRE-FIGHTING MEASURES

Not applicable.

6. ACCIDENTAL RELEASE MEASURES

Waste is cleaned up with a scouring-cloth, or something similar, which is rinsed off with water and discharged to the drains. Waste can also be discharged direct to the drains. Wear protective gloves.

7. HANDLING AND STORAGE

Avoid direct contact with the product. Store in a cool place (2 – 8 °C) in tightly closed containers.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Keep good ventilation during handle.

Technical protection: -

Personal protection: Use protective gloves and when there is a risk for direct contact also safety glasses.

Exposure limits according to the Swedish Work Environment Authority (*AFS 2000:3*)
- mg/m³

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Liquid with no odour.

Solubility in water: Soluble.

pH: About 7,4

10. STABILITY AND REACTIVITY

Stable under normal conditions. In contact with heavy metals explosive mixtures may be formed. In contact with acids toxic and explosive hydrogen azide may develop. Limited risks because of very low concentration of sodium azide.

11. TOXICOLOGICAL INFORMATION

Inhalation: Inhalation may cause smarting pain, cough and mild irritation in the mouth and throat. Prolonged exposure can give the same symptoms as ingestion.

Skin contact: Prolonged or repeated skin contact may cause smarting pain, redness and irritation.

Eye contact: Eye contact gives smarting pain.

Ingestion: Ingestion may give dizziness, nausea, severe headache, diarrhea, sweating, hypotension, blurred vision, inflammation in the throat and tachycardia.

Toxicological data: Sodium azide: LD₅₀ oral rat 27 mg/kg; LD₅₀ dermal rabbit 20 mg/kg.

12. ECOLOGICAL INFORMATION

Sulphuric acid is assessed as an environmentally hazardous chemical. It has very high toxicity to aquatic organisms and may bioaccumulate (data is missing).

Aquatic toxicity: Sodium azide: LC₅₀ fish 96h 0,8 – 1,6 mg/l (Rainbow trout)
LC₅₀ fish 96h 0,8 mg/l (Bluegill)
EC₅₀ Daphnia 96h 4,2 mg/l (Daphnia pulex)

Biodegradable: -

Mobility and
bioaccumulation: Not bioaccumulating.

13. DISPOSAL CONSIDERATIONS

Treat as conventional waste in accordance with local regulations.

14. TRANSPORT INFORMATION

Not a dangerous product regarding transport legislation.

15. REGULATORY INFORMATION

Labelling symbols

-

Risk and Safety advice phrases

-

Other regulations:

-

16. OTHER INFORMATION

References:

Grant W.M. (1986) Toxicology of the Eye, 3rd ed., Charles C Thomas, Springfield, Illinois.

Kemikalieinspektionens ämneslista i Kemikalieinspektionens Föreskrifter om Klassificering och Märkning av Kemiska produkter (KIFS 2001:3), Swedish National Chemicals Inspectorate.

Lewis, R.J. (1992) Sax's Dangerous Properties of Industrial Materials, 8th ed., Van Nostrand Reinhold, New York.

Databaserna: Toxline, HSDB, Riskline.

Kemiska Ämnen 8.0 (cd-rom), Prevent 2001, Stockholm, Sweden.

Arbetskyddsstyrelsens Författningssamling (AFS 2000:3), Hygieniska gränsvärden och åtgärder mot luftföroreningar, Stockholm Sweden.

Information from the producer.

This product safety data sheet was prepared in compliance with Commission Directive 93/112/EC, 67/548/EEC and 88/379/EEC and the Swedish national laws and regulations.

Declared R-phrases under chapter 2.

R 28 Very toxic if swallowed

R 32 Contact with acids liberates very toxic gas

R 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

REVISIONS HISTORY

Version 2.0: Section 1: Company contact information has been updated.

Sections 2 and 3 are inverted according to REACH.

Version 3.0: Section 1: EURIA-CHROMOGRANIN B, RB 322 has been added to the product list.