

1. Identification of the substance/preparation and of the Company/Undertaking

1.1 Product identifiers

Product name

Aflatoxin M₁ supplementary standards –HU0040112

1.2 Relevant identified uses of the substance or mixture and uses advised against

In vitro diagnostic kit.

1.3 Company/Undertaking identification

Eurofins Technologies Hungary Kft.

Fóti út 56. A épület

1047 Budapest

Hungary

e-mail: technologies.hu@eurofins.com

1.4 Emergency telephone

Please, contact your local Poison Centre.

2. Hazards Identification

2.1 Classification: no components classified as dangerous according to Regulation (EC) No. 1272/2008.

2.2 Label elements

Pictogram: none.

Hazard Class and Category: none.

Signal word: none.

Hazard statements: none.

Precautionary statements:

P280

P273

P501

Hazard statements and precautionary statements full text in section 16.

2.3 Supplemental Hazard – none.

3. Composition/information on ingredients

Component	Hazardous substance	% (wt/wt)	Component classification	CAS No.	EC No.
Standard Aflatoxin M ₁	Sodium azide	< 0,1%	Acute Tox. 2 Aquatic Acute 1 Aquatic Chronic 1	26628-22-8	6795-23-9
	Aflatoxin M ₁	< 0,01%	Acute Tox. 2 Carc. 1B	247-852-1	229-865-4

4. First Aid Measures

4.1 Description of first aid measures

If inhaled: there is a minimal risk of inhalation. In case there appear to be symptoms of exposure, supply fresh air. Monitor respiration. If breathing becomes difficult, consult a doctor and give oxygen. Get medical aid.

In case of skin contact: flush with large amounts of water and soap. Remove all contaminated clothing and wash them before reusing. In presence of irritation, get medical aid.

In case of eye contact: flush eyes with large amounts of water for at least 15 minutes. Insure adequate washing by keeping eyelids open with fingers. Get medical aid.

If swallowed: Do not administer anything if victim is unconscious. Rinse mouth with water. Get medical aid.

4.2 Most important symptoms and effects, both acute and delayed

See section 2.2 and section 11.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

5. Firefighting Measures

Kit components are not flammable.

5.1 Extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2 Special hazards arising from the mixture: not known.

5.3 Advice for firefighters: in case of fire, if necessary, wear approved self-contained breathing apparatus and appropriate protective clothing.

5.4 Further information: Keep surrounding materials cool with water spray.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures:

The small supplied volumes and packaging insure minimal risk of accidental release. In case of spill, wear protective clothing as indicated in section 8. Ensure adequate ventilation.

6.2 Environmental precautions: avoid seepage into water course or sewage system.

6.3 Methods and materials for containment and cleaning up: Absorb spill with inert absorbent material or absorbent paper. Discard all material into biohazard waste collection container for proper disposal. Wash the contaminated area taking care to avoid seepage into water course or sewage system.

6.4 Further information: see section 13 for disposal.

7. Handling and Storage

7.1 Precautions for safe handling

There are not special warnings if used according to instruction. Avoid skin and eyes contact. Avoid inhalation of vapour or mist. Wear appropriate personal protective equipment as specified in section 8.

7.2 Conditions for safe storage, including any incompatibilities

Keep products tightly sealed in their original containers. Store bottles between +2°C and +8°C. Avoid physical damage to containers. Do not expose to heat or direct light.

The packaging guarantees the component isolation from incompatible material.

7.3 Specific end uses

In vitro diagnostic reagents, as described in section 1.2.

8. Exposure Controls/Personal Protection

8.1 Control parameters

Components with workplace control parameters: none.

8.2 Exposure controls: Adhere to instructions and good laboratory practice. Use disposable latex or nitrile rubber gloves and protective lab coat. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Have emergency shower and eye wash stations available. Always avoid direct contact of the solution with eyes, skin and clothing. Avoid inhalation. Avoid prolonged or repeated exposure.

9. Physical and Chemical Properties

liquid, white, odour characteristic

10. Stability and reactivity

10.1 Reactivity: no data available.

10.2 Chemical stability: stable under the conditions for storage and handling described in the instructions. Keep in their original containers.

10.3 Possibility of hazardous reactions: no data available.

10.4 Conditions to avoid: heat, flame, sparks, direct light, incompatible materials.

10.5 Incompatible materials: Aflatoxin M₁ standards: metals.

10.6 Hazardous decomposition products: no data available.

11. Toxicological Information

11.1 Information on toxicological effects

Standard Aflatoxin M₁ is not classified as dangerous.

Irritating skin, mucous and upper respiratory tract effects are not known. Toxicological properties have not been further investigated.

12. Ecological Information

The components are furnished in volumes that do not represent hazard for the environment if used and disposed of correctly.

This product contains no components considered to be either persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB).

13. Disposal Considerations

Use the components according to good laboratory practice. Avoid release to the environment. Do not allow product to reach sewage system. Observe all international and local environmental regulations. Send surplus and non-recyclable solutions to a licensed disposal company.

14. Transport Information

No special transport precautions required. Observe national and international regulations and road, train, air and sea transport guidelines.

15. Regulatory Information

This safety data sheet is in accordance with Regulation (EC) No. 1907/2006 and Regulation No. 453/2010.

16. Other informationPrecautionary statements full text**Precautionary statements**

P280: Wear protective gloves/protective clothing/eye protection/face protection

P273: Avoid release to the environment

P501: Dispose of contents/container in accordance with local regulation

IMPORTANT! Read the safety data sheets before the use and disposal of this product. Insure that this information is understood by the operators exposed to this product. Use this product for the intended purpose as indicated in the instruction manual.

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