

## MATERIAL SAFETY DATA SHEET

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### 1. Identification of the substance/preparation and of the company/undertaking

#### Identification of the product

Product name: Fibrinogen test kit  
Product code: VT 0120

#### Manufacturer/supplier identification

Company: Eurolyser Diagnostica GmbH  
Bayernstraße 11a, A-5020 Salzburg, Austria  
Contact for information: Phone: +43 (0)662 432100  
FAX: +43 (0)662 432100-50

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### 2. Composition/Information on ingredients

#### Chemical characterisation

Mixture of the substances listed below with harmless products.  
For the wording of the listed risk phrases refer to section 16.

#### Dangerous ingredients

Sodium azide	CAS: 26628-22-8	T+, N,	< 0.1%
	EC: 247-852-1	R 28-32-50/53	
	Index Number:		
	011-004-00-7		

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### 3. Hazards identification

#### Hazard designation:

None

#### Information pertaining to particular:

None

#### Dangers for man and environment:

None

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### 4. First aid measures

#### General information:

Remove contaminated clothing.

#### After inhalation:

Supply fresh air; consult doctor in case of symptoms.

#### After skin contact:

Wash with soap and water.

**After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.

**After swallowing:**

Rinse out mouth and then drink plenty of water. In case of persistent symptoms consult doctor.

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**5. Fire-fighting measures****Suitable extinguishing agents:**

Carbon dioxide (CO<sub>2</sub>), extinguishing powder or water spray/fog. Fight larger fires with water spray/fog or alcohol-resistant foam.

**For safety reasons unsuitable extinguishing agents:**

None

**Special hazard caused by the material, its products of combustion or flue gases:**

Nitrogen oxides (NO<sub>x</sub>), Oxides of phosphorus (P<sub>x</sub>O<sub>y</sub>) Carbon monoxide (CO) and Carbon dioxide (CO<sub>2</sub>)

**Protective equipment:**

Put on breathing apparatus.

**Additional information:**

Collect contaminated fire fighting water separately. It must not enter drains.

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**6. Spill or leak procedures****Person-related safety precautions:**

Wear protective clothing. Do not breathe vapors. Avoid skin and eye contact.

**Measures for environmental protection:**

Do not allow to enter drainage system, surface or ground water.

**Measures for cleaning/collecting:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose of contaminated material as waste according to item 13.

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**7. Handling and storage****Handling****Information for safe handling:**

Ensure good ventilation/exhaustion at the workplace.

Do not inhale aerosols.

Avoid prolonged or repeated skin contact.

Avoid contact with eyes.

Make sure that all applicable workplace limits are observed.

**Information about protection against explosions and fires:**

No special measures required.

**Storage****Requirements to be met by storerooms and containers:**

Observe all local and national regulations for storage of water polluting products.

**Information about storage in one common storage facility:**

Not required

**Further information about storage conditions:**

Keep container tightly sealed.

Protect from heat and direct sunlight.

Store in a cool place.

Recommended storage temperature: 2-8 °C.

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**8. Exposure controls/personal protection****Additional information about design of technical systems:**

No further data; see item 7.

**Components with critical values that require monitoring at the workplace:**

Sodium azide                      WEL (Great Britain)                      Short-term value: 0.3 mg/m<sup>3</sup>

Long-term value: 0.1 mg/m<sup>3</sup>

**Additional information:** TLV (European Union)                      Short-term value: 0.3 mg/m<sup>3</sup>

The lists that were valid during the compilation were used as basis.                      Long-term value: 0.1 mg/m<sup>3</sup>

Skin

**General protective and hygienic measures:**

Keep away from foodstuffs, beverages and food.

Do not inhale gases/fumes/aerosols.

Avoid close or long term contact with the skin.

Avoid contact with the eyes.

Wash hands during breaks and at the end of the work.

**Breathing equipment:**

If all workplace limits are observed and good ventilation is ensured, no special precautions necessary.

**Protection of hands:**

Protective gloves

The glove material has to be impermeable and resistant to the product/the substance/the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Check the permeability prior to each anew use of the glove.

To avoid skin problems reduce the wearing of gloves to the required minimum.

Due to missing tests no recommendation to the glove material can be given for the product/the preparation/the chemical mixture.

**Material of gloves:**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality varies from manufacturer to manufacturer.

As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

**Penetration time of glove:**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye protection:**

Safety glasses

**Body protection:**

Light weight protective clothing

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**9. Physical and chemical properties****General Information**

Form:

Liquid

Colour:

Colourless Clear

Smell:

Odourless

**Change in condition**

Melting point/Melting range:	Not determined
Boiling point/Boiling range:	Not determined
Flash point:	Not applicable
Self-inflammability:	Product is not self igniting.
Danger of explosion:	Product is not explosive.
Density:	Not determined
Solubility in/Miscibility with Water:	Soluble

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**10. Stability and reactivity****Thermal decomposition/conditions to be avoided:**

Sunlight Heat

**Materials to be avoided:**

Strong oxidizing agents

Strong acids

Heavy metals

Dangerous reactions may form very sensitive explosive metallic compounds.

**Dangerous products of decomposition:**

Nitrogen oxides (NO<sub>x</sub>), Oxides of phosphorus (P<sub>x</sub>O<sub>y</sub>) Carbon monoxide (CO) and Carbon dioxide (CO<sub>2</sub>)

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**11. Toxicological information****Acute toxicity**

LD/LC50 values that are relevant for classification:

Sodium azide	Oral	LD50	27 mg/kg (rat)
	Dermal	LD50	20 mg/kg (rabbit)

Primary irritant effect on the skin: No irritant effect.

Primary irritant effect on the eye: No irritant effect.

Sensitization: No sensitizing effect known.

**Additional toxicological information:**

The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

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**12. Ecological information****Ecotoxicological effects**

Aquatic toxicity:

Sodium azide LC50/96 h 0.7 mg/l (bluegill (Lepomis macrochirus))

**General notes**

Water hazard class I (Self-assessment): Slightly hazardous for water

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**13. Disposal considerations****Product**

Recommendation: Disposal must be made according to official regulations.

European waste catalogue: Waste disposal key numbers from EWC have to be assigned depending on origin and processing.

**Uncleaned packagings**

Recommendation: Disposal must be made according to official regulations.  
Recommended cleaning agent: Water, if necessary with cleaning agent.

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**14. Transport information****Land transport ADR/RID (cross-border)**

ADR/RID Class: -

**Maritime transport IMDG/GGVSea**

IMDG/GGVSea Class: -

**Air transport ICAO-TI and IATA-DGR**

ICAO/IATA Class: -

**Transport/Additional information:**

Not dangerous according to the above specifications.

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**15. Regulatory information****Designation according to EC guidelines:**

The product has not to be classified and labelled in accordance with EC Directives/relevant national laws.

**National regulations**

Decree to be applied in case of technical fault: -

**Water hazard class**

Water hazard class I (Self-assessment): Slightly hazardous for water

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**16. Other information**

These data are based on our present knowledge.

However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Relevant R-phrases:**

The(se) R-phrase(s) are those the ingredient(s) and of do(es) NOT represent the classification of the preparation. 28 Very toxic if swallowed. 32 Contact with acids liberates very toxic gas. 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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