

MATERIAL SAFETY DATA SHEET

According to EC Regulation No. 1907/2006 (REACH)
Date of print: July 2011

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

Identification of the product

Product name: Fructosamin Test Kit (RI)
Product code: VT 0110

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

2. Composition/Information on ingredients

Chemical characterisation (preparation)

Nitro blue tetrazolium chloride in aqueous solution.

Dangerous Ingredients:

EG-Nr.	CAS-Nr	Chemical name	Content	Classification
321-907-1	7778-53-2	Potassium phosphate	1 – 5 %	Xi; R 38-41

The full wording of the R-phrases is listed in annex 16.

3. Hazards identification

Classification according to Directive 1999/45/EG:

This preparation is classified as non hazardous.

4. First aid measures

General information:

No application in case of unconsciousness or convulsion. Move victim out of hazard area.

After inhalation:

Provide fresh air

After skin contact:

After contact with skin, wash immediately with plenty of water. Change contaminated clothes.

After eye contact:

In case of contact with the eyes, immediately flush eyes with plenty of flowing water for at least 5 minutes holding eyelids apart. Subsequently seek the attention of an ophthalmologist

After swallowing:

After swallowing have victim drink large quantities of water. Caution in case of vomiting: risk of aspiration!

Information for the doctor:

Symptomatic treatment.

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

Product is non-combustible.

Extinguishing materials should therefore be selected according to surroundings.

Special protective equipment for fire fighters:

In case of fire: wear self-contained breathing apparatus.

6. Spill or leak procedures**Personal precautions:**

In case of vapours, dust and aerosols, wear respiratory protection

Wear personal protective equipment.

Environmental precautions:

Do not allow to enter ground water, sewage or drains.

Prevent expansion in the surrounding area.

Do not allow to enter the soil.

Methods for cleaning up:

Soak up with absorbent materials such as sand, siliceous earth, acid- or universal binder.

Dispose of the soaked material according to section Disposal Considerations.

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

Use in areas with adequate ventilation only.

The floor should be leak-proof, without joints and not absorbent. All working steps have to be arranged in a way that the following is excluded: aspiration, contact with skin and eyes.

Information for fire and explosion prevention:

General precautions for preventive fire protection.

When using do not smoke.

Additional information for handling:

Do not eat, drink or smoke at workplace.

Storage**Requirements for storerooms and containers:**

Keep container tightly closed.

Keep only in the original container in a cool, well-ventilated place.

Information about storage in one common storage facility:

Keep away from food, drink and animal feedingstuffs.

Further information about storage conditions:

Recommended storage temperature: +2 °C to +8 °C

Protect against heat, UV-rays/sunlight.

8. Exposure controls/personal protection

Exposure controls

See information in chapter 7, section storage.

Occupational exposure controls

General protection and hygiene measures:

Change contaminated clothing.

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

When using do not eat or drink.

Respiratory protection:

Respiratory protection necessary in case of: insufficient ventilation, handling bigger amounts.

Hand protection:

Wear certified protective gloves according to EN 374

Observe breakthrough times and soaking properties of the material.

Eye protection:

Tightly sealed safety glasses.

Personal protection:

Suitable personal protection: lab coat.

Footwear:

chemicals-resistant safety shoes.

9. Physical and chemical properties

General Information:

Physical state:	liquid
Colour:	yellowish, clear
Odour:	odourless

Important health, safety and environmental information:

Boiling temperature:	no data available.
Melting point:	no data available.
Flash point:	non-combustible.
Oxidising properties:	non-oxidising
Explosion hazard:	no chemical groups present, suggesting potential explosive properties.
Vapour pressure:	conforms to the vapour pressure of water.
Solubility in water:	completely miscible

10. Stability and reactivity

Conditions to avoid:

Decomposition on prolonged exposure to light possible.

Hazardous decomposition products:

Carbon monoxide, carbon dioxide, nitrogen oxides (NO_x) .

11. Toxicological information

Acute Toxicity:	no data available.
Specific effects in animal experiments:	no data available.

Irritative and corrosive effects:	no data available.
Sensitising effects:	no data available.
Severe effects after repeated or prolonged exposure:	no data available.
Carcinogenic, mutagenic and reproduction-toxic effects:	no data available.

Other information on tests: The product has been classified in accordance with the EC Directive 1999/45/EC for dangerous preparations.

12. Ecological information

Ecotoxicity:	no data available.
Mobility:	no data available.
Persistence and degradability:	no data available.
Other adverse effects:	no data available.

Further information: The product has been classified in accordance with the EC Directive 1999/45/EC for dangerous preparations.

13. Disposal considerations

Product:

Waste key number:	160506 = Laboratory chemicals consisting of or containing dangerous substances including mixtures of laboratory chemicals.
Recommendation:	Special waste. Waste disposal according to official state regulations.

Packaging:

Waste key number:	150102 = Plastic packaging
Recommendation:	Not contaminated and cleaned containers can be supplied for recycling.

14. Transport information

Overland transport (ADR/RID):	Not restricted
Transport by inland waterways (ADN):	Not restricted
Transport by sea (IMDG):	Not restricted
Air transport (IATA):	Not restricted

15. Regulatory information

Classification

Code letter and hazard symbo:	not applicable
R-Sätze:	not applicable
S-Sätze:	S15: keep away from heat

16. Other information

Full wording of R-phrases listed in chapter 2 and 3

R 38 = Irritating to skin.
R 41 = Risk of serious damage to eyes.

Group that issues data sheet

Contact: see chapter 1, contact for information.

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.