

Safety Data Sheet

according to 2001/58/EG

Tth-DNA polymerase

Print date: 23.01.2008

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1. Identification of the substance/preparation and company

1.1 Commercial product name

Tth-DNA polymerase (Order-No. 3954)

Use of the substance/preparation

DNA polymerase for DNA amplification.

1.2 Information manufacturer/supplier

BAG Health Care GmbH

Amtsgerichtsstr. 1-5

35423 Lich / Germany

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Contact person : Dr. med. Dietwald Dönges

Emergency telephone number : +49 (0)171-765 89 17

2. Composition/information on ingredients

Chemical characterization (preparation)

Fluid solution of inorganic and organic components.

Additional information

Contains no hazardous substance in concentrations requiring labelling according to EC directives currently in effect.

3. Hazards identification

Explication of special hazards for human health and environment

No dangers to be mentioned. The Product contains material of biological origin and should there fore be handled as potentially infections. Please observe the safety information of the safety data sheet.

4. First aid measures

After inhalation

Aerosols: Provide with fresh air. Seek medical advice.

After contact with skin

On contact with the skin, wash off immediately with soap and water.

After contact with eyes

On contact with eyes, rinse the eyes with water with the eyelids open for a sufficient length of time, then seek medical (ophthalmologic) advice immediately.

After ingestion

Rinse out mouth and then drink plenty of water. Seek medical advice.

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5. Fire-fighting measures

Suitable extinguishing media

Water. Foam. Dry powder. Carbon dioxide.

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

With heating up or in case of open fire poisonous gases are possible.

Special protective equipment for fire fighters

Wear self-contained breathing apparatus and protective clothing.

Additional information

Do not inhale combustible gases.

6. Accidental release measures

Personal precautions

Ensure adequate ventilation.

Environmental precautions

Do not allow to enter drains/surface waters/groundwater. Treat recovered material as prescribed in: Disposal considerations.

Methods for cleaning up/taking up

Take up buried product. Usual absorbing materials are sufficient. Clean contaminated area with suitable disinfectants.

7. Handling and storage

7.1 Handling

Advice on safe handling

Observe the general safety regulations for laboratories. Wear suitable protective clothing, gloves and eye/ face protection. Avoid skin and eye contact. Provide sufficient ventilation.

7.2 Storage

Requirements for storage rooms and vessels

Storage at - 20° C.

Further information on storage conditions

Consider directions for use.

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8. Exposure controls/personal protection

8.1 Exposure limit values

Additional advice on control parameters
not applicable

8.2 Exposure controls

Protective and hygiene measures

Please handle as potentially infections. While working wear laboratory coats, eye protection and gloves. Always wash hands with water and soap after test procedure. The glove material must be impervious against the product. Due to missing tests, no recommendations regarding the selection of the glove material can be given.

9. Physical and chemical properties

9.1 Appearance

Form: fluid

Odour: odourless

9.2 Important health, safety and environmental information

pH Value not applicable
(at 20 °C)

Water solubility: completely mixable

10. Stability and reactivity

Conditions to avoid

Strong heating above room temperature.

11. Toxicological information

Additional information on tests

The product has to be handled with the caution usual for chemicals.

12. Ecological information

Additional information

Don't dispose to the environment.

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13. Disposal considerations

Advice on disposal

All reagents, remainder and empty packing, which might contain potentially infectious material, must be inactivated before disposal (e.g. through autoclaving at 121°C). There are no standardized regulations in EEC for disposal and/ or residual substances. Chemicals, which result as residual substances, are usually hazardous waste. Their removal is regulated by appropriate laws and/ or regulations of the EEC-Member countries as well as for the Federal Republic of Germany. Please contact the competent authority (e.g. waste disposal enterprises).

14. Transport information

14.5 Further Information

The product is not subordinated to the transportation regulation.

15. Regulatory information

15.1 Labelling

Labelling according to EC-guidelines

Not a hazardous product in the sense of Directives.

15.2 National regulations

Water contaminating class: - - not water contaminating
Classification: in accordance with VwVwS appendix 4, No. 3

16. Other information

Other data

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. The BAG Health Care GmbH shall not be held liable for any damage resulting from handling or from contact with the above product.
