

SAFETY DATA SHEET

according to EC directive 2001/58/EC



Protector RNase Inhibitor

Version 1.6
Processing date 16.01.2004

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product information

Commercial Product Name: Protector RNase Inhibitor
Mat.-No./ Genisys-No.: 03335402001
Intended use: Solution

Company: Roche Diagnostics GmbH
Sandhofer Strasse 116
D-68305 Mannheim
Telephone: +496217590
Telefax: +496217592890
Responsible Department: +49(0)621-759-2763 oder +49(0)621-759-4848

In case of emergencies
Central Works Security Roche Diagnostics GmbH: ++49(0)621-759-2203
Centre for detoxification: Mainz +49-6131-232466 or -232467 / München +49-89-19240

2. CHEMICAL CHARACTERISATION

Ingredients:

Labelling: not required

Ingredients 50 % Glycerol; CAS-No. 56-81-5
Labelling: not required

3. HAZARDS IDENTIFICATION

Risk advice to man and the environment

There is at present no information or indication of hazardous properties.

The usual precautions taken when handling chemicals should be observed.

Note: slightly hazardous to water and ground

4. FIRST AID MEASURES

Skin contact: Wash skin with water thoroughly.
Eye contact: Promptly wash eyes with water for at least 15 minutes, seek medical advice.
Ingestion: Seek medical advice.
Instructions for physician: Symptomatic treatment by a physician.

5. FIRE-FIGHTING MEASURES

Extinguishing media: No restriction.

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Decomposition: Dangerous decomposition is not anticipated.

6. ACCIDENTAL RELEASE MEASURES

Actions to be taken on spillage: Smaller quantities can be washed off with plenty of water.

Absorbent material: Not necessary.

Actions to be taken to limit damage: Special measures to limit damage are not necessary.

7. HANDLING AND STORAGE

Handling: The product itself does not burn. No special requirements.

Storage: Store at temperature of about -20°C.

Do not store together with: No restriction.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protective equipment

Respiratory protection: No personal respiratory protective equipment normally required.

Eye protection: Safety glasses

Hand protection: Protective gloves

Hygiene measures: Wash hands before breaks and at the end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: liquid

Colour: yellowish

Odour: very faint

Fire promoting: Substance does not have any oxidizing properties.

Miscibility with water: completely miscible

Water solubility: soluble

10. STABILITY AND REACTIVITY

Hazardous reactions: none under normal use

Hazardous decomposition products: none

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11. TOXICOLOGICAL INFORMATION

Toxicological data of ingredients

Glycerol

Oral toxicity: LD50 rat 12.600 mg/kg
Toxicity (others): LD50oral mouse 4.090 mg/kg

Toxicological information for the product

Intoxication has so far not become known.

12. ECOLOGICAL INFORMATION

Water hazard class: 1
Self-classification

Ecotoxicological effects of ingredients

Glycerol

Toxicity to fish: LC50 Leuciscus idus > 10.000 mg/l
Toxicity to bacteria: EC5 Pseudomonas putida 10.000 mg/l (16 h)
Toxicity to daphnia: EC50 Daphnia magna > 10.000 mg/l (24 h)

13. DISPOSAL CONSIDERATIONS

Waste disposal route: Used reagent can be disposed of in the waste water in accordance with local regulations.

Disposal of empty packaging: Dispose of empty packs via local recycling or waste disposal routes- if necessary, clean them beforehand.

14. TRANSPORT INFORMATION

Is not subject to current regulations for transportation of dangerous goods (ADR/RID, IMDG, IATA/ICAO)

15. REGULATORY INFORMATION

Labelling according to EC-Directives

Note: This product has not to be labeled in accordance with EEC directive 67/548 and 99/45.

National regulations

German BetriebssicherheitsVO: Is not subject of the German regulations for flammable liquids (BetriebssicherheitsVO).

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16. OTHER INFORMATION

Further information

The information herein is believed to be correct as of the date hereof but is provided without warranty of any kind. The recipient of our product is responsible for ensuring that, where applicable, existing laws and guidelines are observed.

Special permission has been granted in accordance with EU Directive 99/45, Article 9, which permit small packages of up to 125 ml or 125 g containing materials that are harmful to health or irritant to be unlabelled with the hazard identification information given in the safety data sheet.