

SAFETY DATA SHEET

According to EC Directive 1907/2006/EC



T4 Polynucleotide Kinase, 1000 U

Version 2.
Processing date 18.10.2007

Page 1/4
Printing date 25.02.2010

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

Product information

Commercial Product Name:	T4 Polynucleotide Kinase, 1000 U	
Mat.-No./ Genisys-No.:	10838292001	
Intended use:	Laboratory use	
Company:	Roche Diagnostics GmbH Sandhoferstrasse 116 68305 Mannheim	
E-mail:	mannheim.umweltschutz@roche.com	
Telephone:	+496217590	
Telefax:	+496217592890	
Responsible Department:	+49(0)621-759-2012 +49(0)621-759-4848 +49(0)8856-60-2629	
In case of emergencies:	Central Works Security Roche Diagnostics GmbH	+49(0)621-759-2203
Centre for detoxification:	Mainz Munich	+49(0)6131-19240 +49(0)89-19240

2. 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

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Labelling: not required

Contains no hazardous substances in concentrations to be declared

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.

SAFETY DATA SHEET

According to EC Directive 1907/2006/EC



T4 Polynucleotide Kinase, 1000 U

Version 2.
Processing date 18.10.2007

Page 2/4
Printing date 25.02.2010

5. FIRE-FIGHTING MEASURES

Extinguishing media: No restriction.
Decomposition: Dangerous decomposition is not anticipated.

6. ACCIDENTAL RELEASE MEASURES

Actions to be taken on spillage: Flush with 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: at -25~-15°C |-13~ 5°F.
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: not necessary
Hand protection: single-use gloves
Hygiene measures: Wash hands before breaks and at the end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: liquid
Colour: colourless
Odour: very faint
Fire promoting: Substance does not have any oxidizing properties.
Miscibility with water: completely miscible

SAFETY DATA SHEET

According to EC Directive 1907/2006/EC



T4 Polynucleotide Kinase, 1000 U

Version 2.
Processing date 18.10.2007

Page 3/4
Printing date 25.02.2010

10. STABILITY AND REACTIVITY

Hazardous reactions: none under normal use
Hazardous decomposition products: Only in small concentrations

11. TOXICOLOGICAL INFORMATION

Toxicological information for the product

Intoxication has so far not become known.

12. ECOLOGICAL INFORMATION

Water hazard class: 1
Classification according to German regulations (VwVwS)

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.

Retail packages of biochemical and diagnostics catalog merchandise are recycled through the acquisition of licenses in "Der Grüne Punkt". Contaminated primary packaging materials of diagnostics catalog merchandise in the sense of § 7 of the Packaging Ordinance are disposed of legally through the company Interseroh.

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.

SAFETY DATA SHEET

According to EC Directive 1907/2006/EC



T4 Polynucleotide Kinase, 1000 U

Version 2.
Processing date 18.10.2007

Page 4/4
Printing date 25.02.2010

National regulations

German
BetriebssicherheitsVO: Not subject to German Ordinance on Industrial Health and Safety
(formerly Regulations on Flammable Liquids).

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.