

# SAFETY DATA SHEET

according to EC directive 2001/58/EC



## Rapid DNA Ligation Kit

Version 1.1  
Processing date 05.02.2007

Page 1/4  
Printing date 26.02.2010

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

#### Product information

Commercial Product Name:	Rapid DNA Ligation Kit	
Mat.-No./ Genisys-No.:	11635379001	
Intended use:	Laboratory use	
Company:	Roche Diagnostics GmbH Sandhoferstrasse 116 68305 Mannheim	
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. CHEMICAL CHARACTERISATION

#### Components

*Bottle 1:* 1 piece(s)  
Labelling: not required  
Contains no hazardous substances in concentrations to be declared

*Bottle 2:* 1 piece(s)  
Labelling: not required  
Contains no hazardous substances in concentrations to be declared

*Bottle 3:* 1 piece(s)  
Labelling: not required  
Contains no hazardous substances in concentrations to be declared

### 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.

# SAFETY DATA SHEET

according to EC directive 2001/58/EC



## Rapid DNA Ligation Kit

Version 1.1  
Processing date 05.02.2007

Page 2/4  
Printing date 26.02.2010

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.
Decomposition:	Dangerous decomposition is not anticipated.

### 6. ACCIDENTAL RELEASE MEASURES

Actions to be taken on spillage:	Dilute spilled liquids with plenty of water and adsorb.
Absorbent material:	No restriction.
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:	Safety glasses
Hand protection:	Protective gloves
Hygiene measures:	Wash hands before breaks and at the end of workday.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Bottle 1

Form:	liquid
Miscibility with water:	completely miscible

#### Bottle 2

Form:	liquid
Miscibility with water:	completely miscible

# SAFETY DATA SHEET

according to EC directive 2001/58/EC



## Rapid DNA Ligation Kit

Version 1.1  
Processing date 05.02.2007

Page 3/4  
Printing date 26.02.2010

### *Bottle 3*

Form: liquid  
Miscibility with water: completely miscible

### 10. STABILITY AND REACTIVITY

Hazardous reactions: none under normal use  
Hazardous decomposition products: none

### 11. TOXICOLOGICAL INFORMATION

**Toxicological information for the product**  
Intoxication has so far not become known.

### 12. ECOLOGICAL INFORMATION

Water hazard class: 1 slightly hazardous to water and ground  
Classification according to German regulations (VwVwS)

### 13. DISPOSAL CONSIDERATIONS

Waste disposal route: Remaining quantities can be disposed of in waste water, taking care to observe official threshold values.  
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: Not subject to German Ordinance on Industrial Health and Safety (formerly Regulations on Flammable Liquids).

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according to EC directive 2001/58/EC



## Rapid DNA Ligation Kit

Version 1.1  
Processing date 05.02.2007

Page 4/4  
Printing date 26.02.2010

### 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.