

SAFETY DATA SHEET

according to EC directive 2001/58/EC



alpha-Glucosidase Assay 1pc

Version 1.1
Processing date 17.07.2006

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Printing date 26.02.2010

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

Product information

Commercial Product alpha-Glucosidase Assay 1pc
Name:
Mat.-No./ Genisys-No.: 11742027001
Intended use: Biochemical kit

Company: Roche Diagnostics GmbH
 Sandhoferstrasse 116
 68305 Mannheim

Telephone: +496217590
Telefax: +496217592890
Responsible Department: +49(0)621-759-2012 oder +49(0)621-759-4848 oder +49(0)8856-60-2629

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

Components

R1: 1 piece(s)
Labelling: not required
Ingredients 1 % Sodium dodecylsulfate; CAS-No. 151-21-3
 Labelling: F, Xn ; R11-R21/22-R36/37/38; S26-S36/37

R2: 1 piece(s)
Labelling: not required
Contains no hazardous substances in concentrations to be declared

R3: 1 piece(s)
Labelling: not required
Ingredients 1 % Sodium carbonate; CAS-No. 497-19-8
 Labelling: Xi ; R36; S22-S26

R4: 1 piece(s)
Labelling: not required
Ingredients 9 % Castanospermine; CAS-No. 79831-76-8
 Labelling: Xn ; R20/22; S7-S13

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.

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Note: slightly hazardous to water and ground

4. FIRST AID MEASURES

Skin contact: Wash skin with water thoroughly.
Eye contact: Flush eyes with water.
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: Sweep up spilled solids carefully. 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: Liquid is not inflammable. Solid is combustible. No special requirements.
Storage: at 2~ 8°C | 36~ 46°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: One-way gloves
Hygiene measures: Wash hands before breaks and at the end of workday.

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9. PHYSICAL AND CHEMICAL PROPERTIES

R1	
Form:	liquid
Miscibility with water:	completely miscible
R2	
Form:	liquid
Miscibility with water:	completely miscible
R3	
Form:	liquid
Miscibility with water:	completely miscible
R4	
Form:	solid
Miscibility with water:	immiscible

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

R1	
<i>Sodium dodecylsulfate</i>	
Oral toxicity:	LD50 rat 1.288 mg/kg
Toxicity (inhalation):	LC50 rat 1 h > 3900 mg/m ³ (1 h)
Toxicity (skin contact):	LD ₅₀ rabbit 10.000 mg/kg
Toxicity (others):	LD50 intraperitoneal rat 210 mg/kg LD50 intraperitoneal mouse 250 mg/kg LD50 intravenous rat 118 mg/kg LD50 intravenous mouse 118 mg/kg

R3	
<i>Sodium carbonate</i>	
Oral toxicity:	LD50 rat 4.090 mg/kg LD50 mouse 6.600 mg/kg
Toxicity (inhalation):	LC50 mouse 2 h 1200 mg/m ³ (2 h)
Toxicity (others):	LD50 intraperitoneal mouse 117 mg/kg

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)
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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).

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.