

SAFETY DATA SHEET

Gyrolab® Generic PK Kit Reagents

Issued: 2018-12-04

Document ID / Revision: D0027764 / C

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

1.1 PRODUCT NAME

Gyrolab® Generic PK Kit Reagents (common sheet)

Gyrolab® Generic PK CD5 Type E Kit Reagents (common sheet)

Gyrolab® Generic PK CD5 Type F Kit Reagents (common sheet)

Common sheet for Reagents A-F.

ARTICLE NUMBER

P0020494 (common article number for Gyrolab® Generic PK Kit Reagents)

P0020618 (common article number for Gyrolab® Generic PK CD5 Type E Kit Reagents)

P0020620 (common article number for Gyrolab® Generic PK CD5 Type F Kit Reagents)

1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

Laboratory chemical, for research use only.

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Supplier: Gyros Protein Technologies AB

Address: Uppsala Science Park, 751 83 Uppsala

Telephone: +46 18-566 300

Fax: +46 18-566 350

E-mail: information@gyrosproteintech.com

Webpage: www.gyrosproteintechnologies.com

1.4 EMERGENCY TELEPHONE NUMBER

Local emergency number (acute)

Swedish Poisons Information Centre +46 8 33 12 31 (working hours)

2. HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

CLASSIFICATION ACCORDING TO CLP (DIRECTIVE 1272/2008/EC)

The products contain no substances which, in the present form or concentration, result in any classification according to the current legislation.

2.2 LABEL ELEMENTS

LABELING ACCORDING TO CLP (DIRECTIVE 1272/2008/EC)

In accordance to CLP and DPD/DSD the product should be labeled with the text: "Safety data sheet available on request".

2.3 OTHER HAZARDS

None known.

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3. COMPOSITION/INFORMATION ON INGREDIENTS

The products contain no substances which, in the present form or concentration, result in any classification according to the current legislation.

Contains 0,02 % Sodium Azide (CAS 26628-22-8) added as preservative. Also contains components originating from bovine serum and milk. These components are from well-controlled sources/manufacturers.

4. FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

GENERAL RECOMMENDATION

Keep the victim warm and calm. Never give anything to eat or drink to an unconscious person. If uncertain or if symptoms remain, consult a doctor. Show this SDS to medical personnel.

AFTER INHALATION

Supply fresh air and rest. Consult a doctor if symptoms persist.

AFTER SKIN CONTACT

Rinse with soap and water.

AFTER EYE CONTACT

Rinse opened eye for several minutes under running water. Keep eyelids apart. Remove contact lenses if present. Consult a doctor if symptoms persist.

AFTER INGESTION

Rinse the mouth with running water. Drink a few glasses of water. Consult a doctor if symptoms persist.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECT, BOTH ACUTE AND DELAYED

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4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

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5. FIREFIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

Choose suitable extinguishing media for the surrounding fire.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Non-flammable product. Avoid inhalation of fumes from the fire.

5.3 ADVICE FOR FIREFIGHTERS

Wear protective equipment suitable for chemical fires, including breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Use protective equipment according to section 8 of this SDS.

6.2 ENVIRONMENTAL PRECAUTIONS

Do not empty into drains. Inform the emergency services in case of a big spill.

6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

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Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Transfer to a closable, labelled salvage container for disposal by an appropriate method. See Section 13.

6.4 REFERENCE TO OTHER SECTIONS

Refer to section 8 and 13 of this SDS for information on protective equipment and waste handling.

7. HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Use protective equipment according to section 8 of this SDS. Wash of hands after working with the product. No eating or drinking when working with the product.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Store away from foodstuff. Storage temperature +4 to +8 °C. Protect from freezing.

7.3 SPECIFIC END USE(S)

See EWC code in section 13 of this SDS.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

OCCUPATIONAL EXPOSURE LIMIT VALUES (ACCORDING TO DIRECTIVES 91/322/EEG, 2000/39/EG AND 2006/15/EG)

No values apply to the product.

PNEC

No data available.

DNEL

No data available.

8.2 INDIVIDUAL PROTECTION MEASURES

RESPIRATORY PROTECTION

Normally none needed.

HAND PROTECTION

Most plastic/rubber gloves are suitable. Break-through times can vary depending on thickness, use and source. Change gloves regularly. Contact your supplier of protective equipment for more information.

EYE/FACE PROTECTION

Splash proof safety glasses or goggles should be used when working with all laboratory chemicals.

OTHER PROTECTIVE EQUIPMENT

Laboratory coat or overalls.

HYGIENE MEASURES

No food, drinks or smoking at the workplace. Remove all contaminated clothes. Wash hands and/or face before breaks and at the end of the workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON FUNDAMENTAL PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-----------------------------|-----------|
| Appearance | Liquid |
| Color | Colorless |
| Explosive properties | None |

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| | |
|---------------|------------------------------------|
| Flammability | None |
| Water content | 90-99 w-% depending on the reagent |
| Solubility | Complete in water |
| VOC | 0 |
| pH | 7,4 |
| Viscosity | Like water |

9.2 OTHER INFORMATION

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10. STABILITY AND REACTIVITY

10.1 REACTIVITY

Stable under normal conditions of handling and storage.

10.2 CHEMICAL STABILITY

Stable under normal conditions of handling and storage.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

Stable under normal conditions of handling and storage.

10.4 CONDITIONS TO AVOID

Protect from freezing.

10.5 INCOMPATIBLE MATERIALS

None known.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

None known.

11. TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

| | ACUTE EFFECTS | CHRONIC EFFECTS |
|--------------|---------------|-----------------|
| SKIN CONTACT | - | - |
| EYE CONTACT | - | - |
| INHALATION | - | - |
| INGESTION | - | - |

ACUTE TOXICITY

TOXICOLOGICAL DATA FOR THE PRODUCT AS IS

No data available.

TOXICOLOGICAL DATA FOR INCLUDED COMPONENTS

The products contain no substances which, in the present form or concentration, result in any classification according to the current legislation.

IRRITATION

No irritating effects known.

CORROSIVITY

No corrosive effects known.

SENSITIZATION

No sensitizing effects known.

TOXICITY - REPEATED EXPOSURE

No toxicity by repeated exposure known.

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CARCINOGENICITY

No carcinogenicity known.

MUTAGENICITY

No mutagenicity known.

TOXICITY FOR REPRODUCTION

No toxicity for reproduction known.

INTERACTIVE EFFECTS

No interactive effects known.

MISSING DATA

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12. ECOLOGICAL INFORMATION

12.1 TOXICITY

Not classified as an environmental hazard.

ECOLOGICAL DATA FOR THE PRODUCT AS IS

No data available.

ECOLOGICAL DATA FOR INCLUDED COMPONENTS

The products contain no substances which, in the present form or concentration, result in any classification according to the current legislation.

12.2 PERSISTENCE AND DEGRADABILITY

No data available.

12.3 BIOACCUMULATIVE POTENTIAL

No data available.

12.4 MOBILITY IN SOIL AND WATER

Completely soluble in water.

12.5 RESULTS OF PBT AND vPvB ASSESSMENT

No data available.

12.6 OTHER ADVERSE EFFECTS

No other adverse effects known.

SUMMARY

The product is not classified as an environmental hazard. However, do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13. DISPOSAL CONSIDERATIONS

13.1 DISPOSAL FROM EXCESS/UNUSED PRODUCT

In accordance with directive 2008/98/EC unused product is not hazardous waste but should be taken care of in conformity with national and local regulations.

Suggestion of EWC-code:

16 05 09 - Discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08.

CONTAMINATED PACKAGE

Contaminated packaging is not considered hazardous waste but should be taken care of in conformity with national and local regulations.

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14. TRANSPORT INFORMATION

Not classified as dangerous goods according to ADR/RID/IMO/DGR.

15. REGULATORY INFORMATION

15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

Safety data sheet and classification in accordance with CLP (directive 1272/2008/EC and directive 453/2010/EC, appendix I).

CHEMICAL SAFETY ASSESSMENT

A Chemical safety assessment (CSA) is available for the product (in Swedish).

16. OTHER INFORMATION

H PHRASES GIVEN UNDER SECTION 3 IN PLAIN TEXT

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LEGEND TO ABBREVIATIONS

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LITERATURE REFERENCES AND SOURCES FOR DATA

Refer to chemical safety assessment (CSA) for sources.

CHANGES MADE IN CASE OF REVISIONS

Version A (2017-03-29): First edition.

Version B (2017-11-01): Changed TM to ®.

Version C (2018-12-03): Added the products Gyrolab Generic PK CD5 Type E Kit Reagents and Gyrolab Generic PK CD5 Type F Kit Reagents.

OTHER

The current Safety Data Sheet was defined by Gyros AB on the basis of knowledge of the product at the date of issue.

It is the duty of the operator

- to develop under his own responsibility, the safety dispositions regarding the operation of the product taking into account the data from this form
- to pass to all users and operators the appropriate safety data and warning regarding the risks mentioned in the documentation relative to the utilisation of the product
- to be cautious of possible risks faced when the product is used for other utilisation than those for which it has been designed

This SDS has been compiled with assistance from Amasis Konsult AB, Solna, Sweden.