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

1.1 PRODUCT IDENTIFIER
Rexxip™ (Common sheet)
Common sheet for:
Rexxip A, Rexxip A-max, Rexxip AN, Rexxip AN-max, Rexxip H, Rexxip H-max, Rexxip HN, Rexxip HN-max, Rexxip CCS, Rexxip F, Rexxip ADA, Rexxip HX & Rexxip HX-max

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.gyrosproteintech.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 ACCORDING TO CLP (DIRECTIVE 1272/2008/EC): -

2.2 LABEL ELEMENTS

LABELLING ACCORDING TO CLP (DIRECTIVE 1272/2008/EC)
The products contain no substances which, in the present form or concentration, result in any labeling according to the current legislation.

2.3 OTHER HAZARDS
No known.
3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 MIXTURES
Composition according to CLP (Directive 1272/2008/EC):

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

Contains <0,02 % Sodium Azide (CAS 26628-22-8) and <0,02 % 5-Bromo-5-nitro-1,3-dioxane (CAS 30007-47-7) added as preservatives. May also contain 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 remain.

AFTER SKIN CONTACT
Rinse with soap and water.

AFTER EYE CONTACT
Rinse opened eye for several minutes under running water. Keep eyelids apart. Remove contacts if present. Consult a doctor if symptoms remain.

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

4.2 MOST IMPORTANT SYMPTOMS AND EFFECT, BOTH ACUTE AND DELAYED

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

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.
SAFETY DATA SHEET
Rexxip™ (Common sheet)

6.2 ENVIRONMENTAL PRECAUTIONS
Do not allow entering sewers/ surface or ground water. Inform the emergency services in case of a big spill.

6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP
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.

EXPOSURE CONTROLS

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.

SKIN PROTECTION
Laboratory coat or overalls.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON FUNDAMENTAL PHYSICAL AND CHEMICAL PROPERTIES
9.2 OTHER INFORMATION

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

INFORMATION ON TOXICOLOGICAL EFFECTS

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<th>ACUTE EFFECTS</th>
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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 labeling according to the current legislation.

(a) acute toxicity
The products contain no substances which, in the present form or concentration, result in any labeling according to the current legislation.

(b) skin corrosion/irritation
No corrosive/irritating effects known.

(c) serious eye damage/irritation
No effects known.

(d) respiratory or skin sensitisation
No sensitizing effects known.

(e) germ cell mutagenicity
No mutagenicity known.

(f) carcinogenicity
No carcinogenicity known.

(g) reproductive toxicity
No reproductive toxicity known.

(h) STOT-single exposure
No effects known.

(i) STOT-repeated exposure
No effects known.

(j) aspiration hazard
No effects known.

INTERACTIVE EFFECTS
No interactive effects known.

MISSING DATA

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 labeling 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**

Unused product is not hazardous waste according to directive 2000/532/EC.

Suggestion of EWC codes:

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

**WASTE**

Waste is not classified as hazardous waste but should be taken care of in conformity with national and local regulations.

**WASTE TREATMENT METHODS**

Not hazardous waste but should be taken care of in conformity with national and local regulations.

**CONTAMINATED PACKAGING**

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

### 14. TRANSPORT INFORMATION

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

**14.1 UN number**

- 

**14.2 UN proper shipping name**

- 

**14.3 Transport hazard class(es)**

- 

**14.4 Packing group**

- 

**14.5 Environmental hazards**

- 

**14.6 Special precautions for user**

- 

**14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

- 

### 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 (Regulation 830/2015/EC).

**15.2 CHEMICAL SAFETY ASSESSMENT**

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

### 16. OTHER INFORMATION

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H PHRASES GIVEN UNDER SECTION 3 IN PLAIN TEXT

- LEGEND TO ABBREVIATIONS

- LITERATURE REFERENCES AND SOURCES FOR DATA
Refer to chemical safety assessment (CSA) for sources.

CHANGES MADE IN CASE OF REVISIONS
Version B: Added products P0020033 Rexcip HX and P0020034 Rexcip HX-max.
Version C: Update in accordance with the Regulation 830/2015/EC.
Version D: Company name and contact information updated.

OTHER
The current Material 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.