

 EURO OTC PHARMA® — Service mit Kompetenz und Substanz —	SAFETY DATA SHEET Conforms to Regulation (EC) No. 1907/2006 (REACH)	Datum: Seite: Vers.-Nr.	07.04.2025 1 von 6 02
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Art.-Ref.: D-RIBOSE

SKU.: U-702173

SECTION 1: Identification of the substance/mixture and of the company/ undertaking

1.1 Product identifier

Product name: D-RIBOSE

Index-Nr.: -

EC-Nr.: -

CAS-Nr.: 50-69-1

REACH- Registration number.: -

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses:

- Dietary supplement/Food

Uses advised against:

- Not applicable

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier

Euro OTC Pharma GmbH

Edisonstr. 6

59199 Bönen

Telephone / fax / email

- 02383 / 922020
- 02383 / 92202150
- info@euro-otc-pharma.de

1.4 Emergency telephone number

0361 / 730730 (Gemeinsames Giftnotrufzentrum, Nordhäuser Str. 74, 99089 Erfurt) (Germany)

ChemTel Contract Number MIS5311335 –

USA and Canada: +1-800-255-3924 (toll free),

Australia: +1-300-954-583,

Brazil: +0-800-591-6042,

China: +400-120-0751,

India: +000-800-100-4086,

Mexico: 800-099-0731,

International phone number: +1-813-248-0585 (collect calls accepted)

SECTION 2: Hazards identification:

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP)

This substance does not meet the criteria for classification in accordance with Regulation No 1272/2008/EC.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP)

not required

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information:

The substance/mixture does not contain components considered to have endocrine

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disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information:

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.1 Substances

Formula: C₅H₁₀O₅

Molecular weight: 150,13 g/mol

CAS-No.: 50-69-1

EC-No.: 200-059-4

No components need to be disclosed according to the applicable regulations.

SECTION 4: First aid measures

4.1 Description of first-aid measures

If inhaled

After inhalation: fresh air.

In case of skin contact

In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower.

In case of eye contact

After eye contact: rinse out with plenty of water. Remove contact lenses.

If swallowed

After swallowing: make victim drink water (two glasses at most). Consult doctor if feeling unwell.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:

- Carbon dioxide (CO₂) Foam Dry powder

Unusual hazards:

- For this substance/mixture no limitations of extinguishing agents are given.

5.2 Special hazards arising from the substance or mixture

- Carbon oxide
- Combustible
- Development of hazardous combustion gases or vapours possible in the event of fire.

5.3 Advice for firefighters

- In the event of fire, wear self-contained breathing apparatus.

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5.4 Further information

- Prevent fire extinguishing water from contaminating surface water or the ground water system.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Advice for non-emergency personnel: Avoid inhalation of dusts. Evacuate the danger area, observe emergency procedures, consult an expert.
 For personal protection see section 8.

6.2 Environmental precautions

Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts.

6.4 Reference to other sections

For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions: Tightly closed. Dry.
 Storage stability: Recommended storage temperature 2 - 8 °C
 Storage class: Storage class (TRGS 510): 11: Combustible Solids

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with workplace control parameters

8.2 Exposure controls

Personal protective equipment

Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses

Skin protection

This recommendation applies only to the product stated in the safety data sheet, supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN 16523-1 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: www.kcl.de).

Full contact

Material: Nitrile rubber

Minimum layer thickness: 0,11 mm

Break through time: 480 min

Material tested: KCL 741 Dermatrill® L

This recommendation applies only to the product stated in the safety data sheet, supplied by us and for the designated use. When dissolving in or mixing with other

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substances and under conditions deviating from those stated in EN 16523-1 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: www.kcl.de).

Splash contact

Material: Nitrile rubber

Minimum layer thickness: 0,11 mm

Break through time: 480 min

Material tested: KCL 741 Dermatrill® L

Respiratory protection

required when dusts are generated.

Our recommendations on filtering respiratory protection are based on the following standards: DIN EN 143, DIN 14387 and other accompanying standards relating to the used respiratory protection system.

Recommended Filter type: Filter type P1

The entrepreneur has to ensure that maintenance, cleaning and testing of respiratory protective devices are carried out according to the instructions of the producer.

These measures have to be properly documented.

Control of environmental exposure

Do not let product enter drains.

SECTION 9: Physical and chemical properties

For this information, please, refer directly to the Certificate of Analysis OR Specifications

SECTION 10: Stability and reactivity

10.1 Stability:

- Stable under recommended storage conditions.

10.2 Polymerization:

- None under normal processing.

10.3 Hazardous decomposition products:

- Thermal decomposition can lead to release of irritating gases and vapors such as carbon oxides.

10.4 Materials to avoid:

- Strong oxidizing agents

10.5 Conditions to avoid:

- Exposure to air or moisture over prolonged periods.
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SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

LD50 Oral - Rat - male and female - ≥ 15.000 mg/kg

Remarks: (ECHA)

Inhalation: No data available

Dermal: No data available

Skin corrosion/irritation

Skin - reconstructed human epidermis (RhE)

Result: No skin irritation - 15 min

(OECD Test Guideline 439)

Serious eye damage/eye irritation

Eyes - In vitro study

Result: No eye irritation - 6 h

(OECD Test Guideline 492)

Respiratory or skin sensitization

Direct Peptide Reactivity Assay (DPRA) - In vitro study

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Result: negative
(OECD Test Guideline 442C)

Germ cell mutagenicity

Test Type: Ames test
 Test system: Escherichia coli/Salmonella typhimurium
 Metabolic activation: with and without metabolic activation
 Method: OECD Test Guideline 471
 Result: negative

Carcinogenicity

No data available

Reproductive toxicity

No data available

Specific target organ toxicity - single exposure

No data available

Specific target organ toxicity - repeated exposure

No data available

Aspiration hazard

No data available

11.2 Additional Information

Endocrine disrupting properties

Product:

Assessment :

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
 To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Substance which occurs in the human body under physiological conditions.

Hazardous properties cannot be excluded but are unlikely when the product is handled appropriately.

Handle in accordance with good industrial hygiene and safety practice.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to daphnia and other aquatic invertebrates: static test EC50 - Daphnia magna (Water flea) - > 100 mg/l - 48 h (OECD Test Guideline 202)
 Toxicity to algae: static test ErC50 - Pseudokirchneriella subcapitata - > 100 mg/l – 72 h (OECD Test Guideline 201)

12.2 Persistence and degradability

Biodegradability:

aerobic - Exposure time 10 d
 Result: > 60 % - Readily biodegradable.
 (OECD Test Guideline 301B)

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

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No data available

12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Endocrine disrupting properties

Product:

Assessment: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher

12.7 Other adverse effects

Discharge into the environment must be avoided.

SECTION 13: Disposal considerations

13.1 DISPOSAL CONSIDERATIONS

Waste from residues / unused products: Waste disposal must be in accordance with appropriate Federal, State, and local regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority. Residue from fires extinguished with this material may be hazardous. Contaminated packaging: Do not re-use empty containers

SECTION 14: Transport information

Non-hazardous for air, sea and road freight.

Shipping name: Not regulated.

Transport Hazard Class: Not regulated

Packing Group: Not regulated

Environmental hazards: None. The substance is not subject to IMO IMDG Code.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out