

 EURO OTC PHARMA® — Service mit Kompetenz und Substanz —	SAFETY DATA SHEET Conforms to Regulation (EC) No. 1907/2006 (REACH)	Datum: Seite: Vers.-Nr.	23.05.2024 1 von 8 01
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Art.-Ref.: Taurine

SKU.: U-702170

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

1.1 Product identifier

Product name: Taurine

Index-Nr.: -

EC-Nr.: 203-483-8

CAS-Nr.: 107-35-7

REACH-Registration number.: -

Other means of identification:

- 2-Aminoethanesulfonic acid

Product type:

- -

Chemical formula:

Molecular Formula: $C_2H_7NO_3S$

Molecular Weight: 125.15

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

Identified uses:

- Additive for pharm/food/feed

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)

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

SECTION 2: Hazards identification:

2.1 Classification of the substance or mixture

- Not classified.

2.2 Label elements

- No signal label

2.3 Other hazards

- None
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SECTION 3: Composition/information on ingredients

3.1 Substances

Main component of the fabric

Product/ingredient name: Taurine

%: 100

Classification: -

Specific Conc. Limits, M-factors and AT Es: -

Type: -

Index-Nr.: -

EG-Nr.: 203-483-8

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SECTION 4: First aid measures

4.1 Description of first aid measures:

- Consult a physician. Show this safety data sheet to the doctor in attendance.

Inhalation:

- In case of unconsciousness place patient stably in side position for transportation.

Skin contact:

- Immediately wash with water and soap and rinse thoroughly. Consult a physician.

Eye contact:

- Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

Ingestion:

- Rinse out mouth with water. Never give anything by mouth to an unconscious person. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed Over-exposure signs/svmptoms

- No data available.

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 :

- Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture

- In case of fire, the following can be released:
 - Nitrogen oxides (NOx)
 - Carbon oxides
 - Sulphur oxides

5.3 Advice for firefighters

- Wear self contained breathing apparatus for fire fighting if necessary.
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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

6.2 Environmental precautions

- Do not let product enter sewers/ surface or ground water.

6.3 Methods and materials for containment and cleaning up

- Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

- Please view below.

SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

7.1 Precautions for safe handling

- Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

7.2 Conditions for safe storage, including any incompatibilities

- Store in a cool place. Keep container tightly closed in a dry and well-ventilated place.

7.3 Specific end use(s)

- No data available.

7.4 Information for safe handling

- Prevent formation of dust.
Ensure good ventilation/exhaustion at the workplace.

7.5 Information about fire and explosion protection

- Keep ignition sources away - Do not smoke.
Normal measures for preventive fire protection.

7.6 Information about storage in one common storage

- facility Store away from flammable substances. Store away from oxidizing agents.

7.7 Incompatibilities

- Not available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- Components with workplace control parameters.

8.2 Exposure controls

Appropriate engineering controls

- Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

8.3 Ingredients with limit values that require monitoring at the workplace

- Not required.

8.4 Personal protective equipment

General protective and hygienic measures

- Keep away from foodstuffs, beverages and feed.

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- Immediately remove all soiled and contaminated clothing.
- Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

Respiratory protection

- In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Skin protection

- Protective gloves
- The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture
- Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves

- The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Penetration time of glove material

- The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection

- Safety glasses with side-shields.

Body protection

- Impervious clothing, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

SECTION 9: Physical and chemical properties
9.1 Information on basic physical and chemical properties Appearance
General Information
Physical state: crystalline powder

Colour: White

Odor: Sourish

Odor threshold: Not available

Melting point/freezing point: Melting point/range: >300°C

Initial boiling point and boiling range: Not available

Flammability: Not flammable

Lower and upper explosion limit:

- Untere: Not available
- Obere: Not available.

Flash point: Not available.

Auto-ignition temperature: Not available

Decomposition temperature: Not available

pH: 4.1-5.6

Viscosity: Not available

Solubility(ies):

- Cold water: Not available
- Hot water: Not available

Solubility in water: 100 g/l at <25°C

Partition coefficient: n-octanol/ water: Not available

Vapor pressure:

- Not available
- Not available

Relative density:

- Not available

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Vapor density:

- Not available

Particle characteristics/ Median particle size: Not available

9.2 Other information

Information with regard to physical hazard classes Explosive properties:

- Not available

SECTION 10: Stability and reactivity

10.1 Reactivity

- No decomposition if used according to specifications.

10.2 Chemical stability

- Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

- Not available.

10.4 Conditions to avoid:

- Excess heat, dust generation, incompatible materials

10.5 Incompatible materials:

- Strong oxidizing agents

10.6 Hazardous decomposition products

- Hazardous decomposition products formed under fire conditions.
- Carbon oxides, nitrogen oxides (NOx). Sulphur oxides.

10.7 Dangerous reactions

- No dangerous reactions known.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity: LD/LC50 Oral-rat: >5000mg/kg

Primary irritant effect

- **On the skin:** Irritant to skin and mucous membranes.
- **On the eye:** Irritating effect.
- **Sensitization:** Sensitization possible.
- **Toxicokinetics, metabolism and distribution:** Not available.
- **Acute effects (acute toxicity, irritation and corrosivity):** Not available.
- **Repeated dose toxicity:** Not available.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):** Not available.

SECTION 12: Ecological information

12.1 Toxicity

- Not available.

12.2 Persistence and degradability

- Not available.

12.3 Bioaccumulative potential

- Not available.

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12.4 Mobility in soil

- **Soil/water partition coefficient (Koc):** Not available.
- **Mobility:** Not available.

12.5 Results of PBT and vPvB assessment

- Not available.

12.6 Endocrine disrupting properties

- Not available.

12.7 Other adverse effects

- Not available

12.8 Additional ecological information:

- General notes: Generally not hazardous for water

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

- Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Packaging

- Uncleaned packaging Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 Land transport ADR/RID (cross-border)

- ADR/RID class: -
- Danger code (Kemler): -
- UN-Number: -
- Packaging group: -
- Hazard label: -
- Description of goods: -
- Limited quantities (LQ) :-
- Transport category: -
- Tunnel restriction code: -

14.2 Maritime transport IMDG

- IMDG Class: -
- UN Number: -
- Label: -
- Packaging group:-
- EMS Number: -
- Marine pollutant: No
- Proper shipping name: -

14.3 Air transport ICAO-TI and IATA-DGR

- ICAO/IATA Class: -
- UN/ID Number: -
- Label: -
- Packaging group: -
- Proper shipping name: -

14.4 UN "Model Regulation":

- Environmental hazards: Not available.
- Special precautions for user: Not available.
- Transport in bluk according to Annex II of MARPOL73/78 and the IBC Code: Not available

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SECTION 15: Regulatory information

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

- No data available.
- Section 355(extremely hazardous substances): Substance is not listed.
- Section 313(Specific toxic chemical listings): Substance is not listed.
- TSCA(c): Substance is listed.

15.2 Chemical Safety Assessment

Proposition 65

- Chemicals known to cause cancer Substance is not listed.
- Chemicals known to cause reproductive toxicity for females: Substance is not listed.
- Chemicals known to cause reproductive toxicity for males: Substance is not listed.
- Chemicals known to cause developmental toxicity: Substance is not listed.

Carcinogenicity categories

- EPA(Environmental Protection Agency): Substance is not listed.
- IARC(International Agency for Research on Cancer): Substance is not listed.
- NTP(National Toxicology Program): Substance is not listed.
- TLV(Threshold Limit Value established by ACGIH): Substance is not listed.
- MAK(German Maximum Workplace Concentration): Substance is not listed.
- NIOSH-Ca(National Institute for Occupational Safety and Health): Substance is not listed

15.3 National regulations

- Waterhazard class: Generally not hazardous for water.

Other regulations, limitations and prohibitive regulations

- Candidate list of Substances of very high concern (SVHC) according to ECHA (18/6/2010): Substance is not listed.
- REACH Regulation Annex XVII Restriction List: Substance is not listed.
- REACH Regulation Annex XIV Authorization Recommendation List: Substance is not listed.
- Chemical safety assessment: Not available.

SECTION 16: Other information

The contents and format of this MSDS/SDS are in accordance with REGULATION (EC) No 1272/2008. REGULATION (EC) No 1907/2006 and EU Commission Directive 1999/45/EC. 67/548/E

Area issuing data sheet: Quality assurance

Contact person: Mr. Dr. Abdulsalam Adam

Abbreviations and acronyms :

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS: Globally Harmonized System of Classification and labelling of Chemicals

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

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LC50: lethal concentration. 50 percent

LD50: Lethal dose. 50 percent .

► Indicates information that has changed from previously issued version.

Notice to reader

To the best of our knowledge, the information in this safety data sheet corresponds to our knowledge at the time of revision. The information is intended to give you guidelines for the safe handling of the product mentioned in this safety data sheet during storage, processing, transport and disposal. The details are not transferable to other products. To the extent that the product mentioned in this safety data sheet is mixed, mixed or processed with other materials, or is subjected to processing, the information in this safety data sheet cannot be transferred to the new material produced in this way, unless expressly stated otherwise.

The above information is based on the current state of our knowledge and experience. They describe the products with regard to safety requirements and do not represent a guarantee of properties. The recipient of our product is responsible for observing existing laws and regulations.