Jiangsu Khonor Chemicals Co.,Limited

Safety Data Sheet

This SDS is authoring based on the data supplied by and identified on behalf of the client.

Sample Name:	Taurine
Client Name:	Jiangsu Khonor Chemicals Co.,Limited
Client Address:	Rm 1902 Easey Comm Bldg, 253-261, Hennessy RD Wanchai HK
SDS No.:	2025092002E
Issue Date:	September 20, 2026

SDS No.	Creation Date	Version
2025092002E	September 20, 2026	1.0

1. Identification of the Substances/Preparation and of the Company/Undertaking

1.1 Product identifier

Product Name:

Taurine

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

Application of the substance / the mixture:

Pharmaceuticals, food/feed additives.

Use advised against:

No data available.

1.3 Details of the supplier of the safety data sheet

Supplier:	Jiangsu Khonor Chemicals Co.,Limited
Address:	Rm 1902 Easey Comm Bldg, 253-261, Hennessy RD Wanchai HK
Telephone:	+86-19851820586
Fax:	+86-19851820586
Email:	mengling@khonorchem.com

1.4 Emergency telephone number

Emergency Telephone:

+86-19851820586

2. Hazards Identification

2.1 Classification of the substance or mixture

Product definition: Preparation

Classification according to Regulation (EC) No. 1272/2008 [CLP] and its amendments:

The product is not classified according to the CLP regulation.

2.2 Label elements

Label according to Regulation (EC) No. 1272/2008 [CLP] and its amendments:

Pictogram(s):

Not applicable.

Signal Word:

Not applicable.

Hazard Statement:

Not applicable.

Precautionary statements:

Not applicable.

2.3 Other hazards

Other hazardous which do not result in classification: None.

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

3. Composition/Information on Ingredients

3.1 Substances

Substance. Consist of the following ingredients.

Molecular formula: C2H7NO3S

Molecular weight: 125.15 g/mol

CAS No.: 107-35-7

EC-No. 203-483-8

Composition	CAS No.	EC No.	Content (%w/w)	Classification EU CLP
Taurine	107-35-7	203-483-8	100%	Not classified

3.2 Mixture.

Not applicable.

There are no additional ingredients present which, within the current knowledge of supplier and in the concentrations applicable, are classified as hazardous to health or the environment, and PBTs or vPvBs or have been assigned a workplace exposure limit and hence require reporting in this section.

Additional information:

This mixture contains no substances of very high concern (SVHC) which are included in the Candidate List according to Article 59 of REACH.

For full text of Hazard- and EU Hazard-statements: see SECTION 16.

4. First-Aid Measures

4.1 Description of first aid measures:

Inhalation:

Move to fresh air.

Skin Contact:

Rinse with plenty of water. Remove contaminated clothing and wash before reuse. Wash immediately with soap and water and rinse thoroughly. Consult a doctor.

Eye Contact:

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Consult a doctor.

Ingestion:

After swallowing: Rinse the mouth with water and do not feed anything from the mouth to an unconscious person. Consult a doctor.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labeling (see section 2) and/or in section 11.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically and supportively.

5. Fire-Fighting Measures

5.1 Extinguishing media:

Suitable extinguishing media:

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

Unsuitable extinguishing media:

No data available.

5.2 Special hazards arising from the substance or mixture

Decomposition products formed under fire conditions. - Carbon monoxide, carbon dioxide, nitrogen oxides, sulfur oxides, etc.

5.3 Advice for firefighters

Evacuate personnel to safe areas. As in any fire, Wear self-contained breathing apparatus and full protective gear for firefighting. Move container from fire if safe.

5.4 Further information

No data available.

6. Accidental Release Measures

6.1 Personal Precautions, Protective equipment and Emergency Procedures:

Evacuate area. Ventilate area. Avoid dust generation. Avoid inhaling dust. Use suitable personal protective equipment.

6.2 Environmental precautions:

Prevent further leakage or spillage if safe to do so. Prevent large quantities from contacting waterways.

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. For disposal see section 13.

6.4 Reference to other sections

No data available. (see section 13).

7. Handling and Storage

7.1 Precautions for safe Handling:

Wear suitable personal protective equipment in section 8.

Avoid formation of dust and aerosols. Avoid inhaling dust.

Provide appropriate exhaust ventilation at places where dust is formed.

Keep away from high heat, open flames and avoid static generation.

Wash thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities:

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Do not store together with strong oxidizing agent. Keep away from fire and heat.

7.3 Specific end use(s): No further relevant information available.

8. Exposure Controls/Personal Protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

Exposure Limits:

Not established by US OSHA and ACGIH.

8.2 Exposure controls

Engineering Control:

General industrial hygiene practice. Provide appropriate exhaust ventilation at places where dust is formed.

Personal protective equipment:

Respiratory Protection:

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Eyes Protection:

Not required under normal usage. Use face shield and safety glasses if in-eye risk exists. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

Body Protection:	In production, use normal work suit is enough.
Hands Protection:	Suggest wear suitable protective gloves to avoid skin exposure.
Other Protections:	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
Environmental exposure controls:	Control measures must be made in accordance with Community environmental protection legislation.

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

General Information	
Appearance	Crystalline powder
Color	White
Odor	Odorless
pH	4.1-5.6 (50g/L 25°C)
Melting point/freezing point	300°C-320°C
Initial boiling point and boiling range	Decompose before the boiling point is reached.
Flash point	Not available.
Upper explosive limit %(V/V)	Not available.
Lower explosive limit %(V/V)	Not available.
Evaporation rate	Not available.
Relative density (water=1)	1.72.
Vapor pressure	Not available.
Vapor density	Not available.
Solubility(ies)	Easily soluble in water.
Partition coefficient: n-octanol/water	Log Pow: -1.2.
Odor threshold	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Flammability	**Not flammable.**

10. Stability and Reactivity

10.1 Reactivity: No decomposition if used according to specifications.

10.2 Chemical stability: Stable under normal storage temperature and pressure.

10.3 Possibility of hazardous reactions: None hazardous reactions known under normal condition.

10.4 Conditions to Avoid: Overheat, flames and mars.

10.5 Incompatible materials: Strong oxidizing agents.

10.6 Hazardous Decomposition Products: Other decomposition products - no data available. In the event of fire: see section 5.

11. Toxicological Information

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

Acute Toxicity:

Substance	CAS No.	LD50 oral - rat	LD50 skin - rabbit	LC50 inhalation - rat
Taurine	107-35-7	>2000 mg/kg	-	-

Skin Corrosion/Irritation: No skin irritation.

Serious Eye Damage/Eye Irritation: No eye irritation.

Respiratory or Skin Sensitization: No sensitizing effects known.

Germ Cell Mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: None of the components of this product is listed as a carcinogen by IARC, NTP, US OSHA.

Reproductive Toxicity: Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity - Single Exposure: No known human health effects upon single exposure.

Specific Target Organ Toxicity - Repeated Exposure: No known human health effects upon repeated exposure.

Aspiration Hazard: Based on available data, the classification criteria are not met.

Potential Health Effects:

Inhalation:

Inhaling dust may cause respiratory irritation.

Skin Contact:

No skin irritation.

Eye Contact:

No eye irritation.

Ingestion:

No significant harm or effect is expected when taken up not exceeding the maximum recommended daily dose. Eating large amounts can be harmful.

11.2 Information on other hazards

Endocrine disrupting properties: The product does not contain substances with endocrine disrupting properties.

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12. Ecological Information

12.1 Toxicity:

Toxicity to algae static test NOEC - Pseudokirchneriella subcapitata - > 100 mg/l - 72h (OECD Test Guideline 201)

12.2 Persistence and degradability

Biodegradability aerobic - Exposure time 28 d

Result: 70% - Readily biodegradable. (OECD Test Guideline 301F)

Remarks: The 10 day time window criterion is not fulfilled.

12.3 Bioaccumulative potential

No bioaccumulative potential

12.4 Mobility in soil

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

The product does not contain substances with endocrine disrupting properties.

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.7 Other adverse effects

Prevent large quantities from contacting waterways.

13. Disposal Considerations

13.1 Waste treatment methods

Product

Non hazardous waste. Recycle if possible. Offer surplus and non-recyclable products to a licensed disposal company. Observe according to the national and local related regulations.

Contaminated packaging

Dispose of as unused product after empty.

14. Transport Information

14.1 UN-Number

ADR/RID/ADN, IMO/IMDG, IATA

Not applicable.

14.2 UN proper shipping name

ADR/RID/ADN, IMO/IMDG, IATA

Not applicable.

14.3 Transport hazard class(es)

ADR/RID/ADN, IMO/IMDG, IATA

Class: Not applicable.

Label: Not applicable.

14.4 Packing group

ADR/RID/ADN, IMO/IMDG, IATA

Not applicable.

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex 1 of Marpol and the IBC Code

Not applicable.

14.8 Transport/Additional information:

Not dangerous according to the above specifications.

UN 'Model Regulation': Not applicable.

IATA Information: The product is not subject to IATA DGR.

IMO/IMDG Information: The product is not subject to IMO/IMDG Code.

15. Regulatory Information

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

EU Regulations

Classification and labelling information included in section 2:

The following regulations have been used: EU Regulation No. 1272/2008 amended by EU Regulation No. 2020/1182 (15th ATP).

Directive 2012/18/EU

Named dangerous substances ANNEX I: None of the ingredients is listed.

Other regulations, limitations and prohibitive regulations

SVHC Candidate List of REACH Regulation Annex XIV Authorisation (15/1/2018): None of the ingredients is listed

REACH Regulation Annex XVII Restriction (101/2018)

See Section 1 for information about restriction of use.

None of the ingredients is listed.

REACH Regulation Annex XIV Authorisation List (13/6/2017)

None of the ingredients is listed

15.2 Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

16. Other Information

Further Information:

Classification and labelling information included in section 2:

The following regulations have been used: EU Regulation No. 1272/2008 amended by EU Regulation No. 2020/1182 (15th ATP).

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This safety data sheet was prepared in accordance with The EU CLP REGULATION (EC) No 1272/2008, Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Regulation (EU) No. 2020/878.

Department Issuing SDS: Jiangsu Khonor Chemicals Co.,Limited

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