



Bella Corp
Trading Pty Ltd

Distributed by **Bella Corp Trading Pty Ltd** ABN: 32169140443
6/34 Dominions Rd, Ashmore, QLD, 4214, T: 07 55974 169 F: 07 55974 264
email: bellacorp@bellacorp.com.au
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SAFETY DATA SHEET

L-TAURINE

SECTION I – CHEMICAL PRODUCT

Product Name: Taurine
Distributor Name: Bella Corp Trading Pty Ltd
Address: 6/34 Dominions Rd, Ashmore QLD 4214, Australia
Telephone: +61 (0)7 5597 4169
Fax: +61 (0)7 5597 4264
Catalog Codes: 5006
CAS#: 107-35-7
RTECS: 1012186TE
TSCA: TSCA 8(b) inventory: Taurine
CI#: Not available
Synonym: 2-Aminoethanesulfonic acid; 2-Aminoethylsulfonic acid; 2-Sulfoethylamine
Chemical Name: Taurine
Chemical Formula: C₂H₇NO₃S

SECTION II – COMPOSITION & INFORMATION ON INGREDIENTS

<u>Name</u>	<u>CAS#</u>	<u>% (by Weight)</u>
Taurine	107-35-7	99.00%

Toxicological Data on Ingredients: Not applicable.

SECTION III – HAZARDS IDENTIFICATION

Potential Acute Health Effects: Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.

Potential Chronic Health Effects:

CARCINOGENIC EFFECTS: Not available.
MUTAGENIC EFFECTS: Not available.
TERATOGENIC EFFECTS: Not available.
DEVELOPMENTAL EFFECTS: Not available.

Repeated or prolonged exposure is not known to aggravate medical condition.

SECTION IV – FIRST AID MEASURES

Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention if irritation occurs.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops. Cold water may be used.

Serious Skin Contact: Not available.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation: Not available.

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as collar, tie, belt, or waistband. Get medical attention if symptoms appear.



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Serious Ingestion: Not available.

SECTION V – FIRE AND EXPLOSION DATA

Flammability of the Product:	May be combustible at high temperature.
Auto-Ignition Temperature:	Not available.
Flash Points:	Not available.
Flammable Limits:	Not available.
Products of Combustion:	These products are carbon oxides (CO, CO ₂), nitrogen oxides (NO, NO ₂ ,...).
Fire Hazards in Presence of Various Substances:	Slightly flammable to flammable in presence of heat. Non-flammable in presence of shocks.
Explosion Hazards in Presence of Various Substances:	Slightly explosive in presence of open flames and sparks. Non-explosive in presence of shocks.
Fire Fighting Media and Instructions:	
SMALL FIRE:	Use DRY chemical powder.
LARGE FIRE:	Use water spray, fog, or foam. Do not use water jet.
Special Remarks on Fire Hazards:	As with most organic solids, fire is possible at elevated temperatures.
Special Remarks on Explosion Hazards:	Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

SECTION VI – ACCIDENTAL RELEASE MEASURES

Small Spill:	Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
Large Spill:	Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

SECTION VII – STORAGE AND HANDLING

Precautions:	Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe dust. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents.
Storage:	Keep container tightly closed. Keep container in a cool, well-ventilated area.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume, or mist, use ventilation to keep exposure to airborne contaminants below the exposure limits.
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Personal Protection:	Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.
Personal Protection in Case of a Large Spill:	Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient. Consult a physician BEFORE handling this product.
Exposure Limits:	Not available.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

Physical State and Appearance:	Solid. (Crystalline solid. Crystalline powder.)
Odor:	Odorless.
Taste:	Sourish.
Molecular Weight:	125.15 g/mole.
Color:	White.
pH (1% soln/water):	4.1 – 5.6.
Boiling Point:	Not available.
Melting Point:	300°C (572 °F).
Critical Temperature:	Not available.
Specific Gravity:	Not available.
Vapor Pressure:	Not applicable.
Vapor Density:	Not available.
Volatility:	Not available.
Odor Threshold:	Not available.
Water/Oil Dist. Coeff.:	Not available.
Ionicity (in Water):	Not available.
Dispersion Properties:	See solubility in water.
Solubility:	Soluble in cold water.
Solubility in Water:	10 g/100 ml (25t).

SECTION X – STABILITY AND REACTIVITY DATA

Stability:	The product is stable.
Instability Temperature:	Not available.
Conditions of Instability:	Excess heat, dust generation, incompatible materials.
Incompatibility with Various Substances:	Reactive with oxidizing agents.
Corrosivity:	Non-corrosive in presence of glass.
Special Remarks on Reactivity:	Not available.
Special Remarks on Corrosivity:	Not available.
Polymerization:	Will not occur.

SECTION XI – TOXICOLOGICAL INFORMATION

Routes of Entry:	Inhalation. Ingestion.
Toxicity to Animals:	
Acute Oral Toxicity (LD50):	>5000 mg/kg [Rat].
Chronic Effects on Humans:	Not available.



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Other Toxic Effects on Humans:	Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.
Special Remarks on Toxicity to Animals:	Not available.
Special Remarks on Chronic Effects on Humans:	May cause adverse reproductive effects and birth defects (teratogenic) based on animal test data. May affect genetic material (mutagenic).
Special Remarks on Other Toxic Effects on Humans:	
Acute Potential Health Effects:	
Skin:	May cause skin irritation.
Eyes:	May cause eye irritation.
Inhalation:	May cause respiratory tract irritation.
Ingestion:	May cause digestive tract irritation.

The toxicological properties of this substance have not been fully investigated. May also affect behavior (somnolence), metabolism.

SECTION XII – ECOLOGICAL INFORMATION

Ecotoxicity:	Not available.
BOD5 and COD:	Not available.
Product of Biodegradation:	Possibly hazardous short-term degradation products are not likely. However, long-term degradation products may arise.
Toxicity of the Product of Biodegradation:	The product itself and its products of degradation are not toxic.
Special Remarks on the Products of Biodegradation:	Not available.

SECTION XIII – DISPOSAL CONSIDERATION

Waste Disposal: Waste must be disposed of in accordance with federal, state, and local environmental control regulations.

SECTION XIV – TRANSPORT INFORMATION

DOT Classification:	Not a DOT-controlled material (United States).
Identification:	Not applicable.
Special Provisions for Transport:	Not applicable.
IMO:	NOT REGULATED.
IMDG:	NOT REGULATED.

SECTION XV – REGULATORY INFORMATION

US FEDERAL:	
TSCA:	CAS# 107-35-7 is listed on the TSCA inventory.
Health & Safety Reporting List:	None of the chemicals are on the Health & Safety Reporting List.



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Chemical Test Rules:

None of the chemicals in this product are under a Chemical Test Rule.

Section 12b:

None of the chemicals are listed under TSCA Section 12b.

TSCA Significant New Use Rule:

None of the chemicals in this material have a SNUR under TSCA.

CERCLA Hazardous Substances and Corresponding RQs:

None of the chemicals in this material have an RQ.

SARA Section 302 Extremely Hazardous Substances:

None of the chemicals in this product have a TPQ.

Section 313:

No chemicals are reportable under Section 313.

Clean Air Act:

This material does not contain any hazardous air pollutants. This material does not contain any Class 1 Ozone depleters. This material does not contain any Class 2 Ozone depleters.

Clean Water Act:

None of the chemicals in this product are listed as Hazardous Substances under the CWA. None of the chemicals in this product are listed as Priority Pollutants under the CWA. None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

OSHA:

None of the chemicals in this product are considered highly hazardous by OSHA.

STATE:

CAS# 107-35-7 is not present on state lists from CA, PA, MN, MA, FL, or NJ.

California Prop 65:

None of the chemicals in this product are listed.

California No Significant Risk Level:

European/International Regulations:

European Labeling in Accordance with EC Directives:

Risk Phrases:

R36/37/38 Irritating to eyes, respiratory system and skin.

Safety Phrases:

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37/39 Wear suitable gloves and eye/face protection.

WGK (Water Danger/Protection):

CAS# 107-35-7: 1.

Canada – DSL/NDSL:

CAS# 107-35-7 is listed on Canada's DSL List.

Canada – WHMIS:

This product has a WHMIS classification of D2B.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations.

Canadian Ingredient Disclosure List: