

Section 1: Identification

Product Name Theanine (L)
Commercial Name Not available.
Product Use Not available
Restrictions On Use Not available.

Product Code 30-3782

Company PCCA
 9901 South Wilcrest
 Houston, TX 77099
 Phone: 1-800-331-2498
 Fax: 1-800-874-5760

In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300

Section 2: Hazard(s) Identification

OSHA Haz Com: GHS Classification Skin sensitization effect (category 1)
CFR 1910.1200

Signal Word WARNING

Hazard Statement(s) May cause eye irritation. May cause skin irritation May cause irritation of the digestive tract. May cause respiratory tract irritation.

Pictogram(s) or Symbol(s)



Precautionary Statement(s):

Prevention P261 Avoid breathing dust/smoke/gas/smoke/vapour/spray. P272 It is forbidden to take contaminated work clothes out of the work place. P280 Wear protective gloves.
Response P302 + P352 If contact with skin, rinse with plenty of soap and water the infected area. P321 Specific treatment (see the provision of first aid guide this label) P333 + P313 If skin irritation or rash: doctor/clinic P363 Garment washing rear can use again
Storage Not available.
Disposal P501 The contents/container processing to get approval of waste treatment plants

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance
Components Theanine (L)
% By Weight 100
CAS# 3081-61-6
Molecular Weight Not available.
Chemical Formula C7H14N2O3
Synonym(s) L-Theanine 99%

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
L-Theanine	3081-61-6	99	N/A	N/A

Section 4: First-Aid Measures

Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. Loosen tight clothing such as a collar, tie, belt or waistband.
Skin Contact	In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing and shoes thoroughly, before reuse. Get medical attention.
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. Get medical attention.
Ingestion	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention.
Symptoms/Effects	
Acute	Not available.
Delayed	CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available.
Immediate Medical Attention	Not available.

Section 5: Fire-Fighting Measures**Suitable Extinguishing Media**

SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam.

Unsuitable Extinguishing Media

Do not use water jet.

Products of Combustion

May be combustible at high temperature.

Firefighters Special Equipment and Precautions

Take care as it may decompose upon combustion or in high temperatures to generate poisonous fume. Fire-extinguishing work is done from the windward and the suitable fire-extinguishing method according to the surrounding situation is used. Uninvolved persons should evacuate to a safe place. In case of fire in the surroundings: Remove movable containers if safe to do so. When extinguishing fire, be sure to wear personal protective equipment.

Section 6: 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 7: Handling and Storage

Handle with care and avoid contact with eyes. Protective gloves, dust masks and eye protection are advisable. Handling area should be well ventilated and with effective exhaust systems. Avoid areas of excess heat.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	Not available.
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 limit.
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 specialist BEFORE handling this product.

Section 9: Physical and Chemical Properties

Appearance	White crystalline powder. Solid.		
Odor	Not available.		
Odor Threshold	Not available.		
Melting Point	202.0 ~ 215.0?	pH	5.0 - 6.0
Freezing Point	Not available.	Vapor Pressure	Not available.
Boiling Point/Range	Not available.	Vapor Density	Not available.
Decomposition temperature	Not available.	Viscosity	Not available.
Partition Coefficient: n-octanol/water	Not available.	Evaporation Rate	Not available.
Flash Point	Not available.	Autoignition temperature	Not available.
Flammability	Not available.	Flammability or Explosive Limits:	
		Lower	Not available.
		Upper	Not available.
Solubility(ies)	Soluble in water.		
Other	Not available.		

Section 10: Stability and Reactivity

Reactivity	Not available.
Chemical Stability	The product is stable.
Hazardous Polymerization	Hazardous polymerization will not occur.
Conditions to Avoid	Not available.
Incompatible Materials	Not available.
Hazardous Decomposition Products	Not available.

Section 11: Toxicological Information

RTECS Not available.

Acute Toxicity
Not available.

Skin Corrosion/Irritation
Not available.

Serious Eye Damage/Irritation
Not available.

Respiratory or Skin Sensitization
Not available.

Germ Cell Mutagenicity
Not available.

Carcinogenicity
Not available.

Reproductive Toxicity
Not available.

Routes of Entry
Not available.

Symptoms Related to Exposure
Not available.

Potential Health Effects

Not available.

Target Organ(s)

Not available.

Section 12: Ecological Information**Ecotoxicity**

Products of Biodegradation: Possibly hazardous short-term degradation products are not likely. However, long-term degradation products may arise. Toxicity of the Products of Biodegradation: The products of degradation are more toxic.

Persistence and Degradability

Not available.

Bioaccumulative Potential

Not available.

Mobility in Soil

Not available.

Other Adverse Effects

Not available.

Section 13: Disposal Considerations**Waste Disposal**

Recycle to process ,if possible.Consult your local regional authorities. You may be able to dissolve or mix material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber system. Observe all federal ,state and local regulations when disposing of the substance.

Disposal of Container

Not available.

Other Considerations

Not available.

Section 14: Transport Information**DOT Classification**

Not a DOT controlled material (United States). There is no special requirement. This material is not classified dangerous good according to international transportation regulations (ADR/RID-IMDG-ICAO/IATA).

Section 15: Regulatory Information**Regulations**

European Labeling in Accordance with EC Directives 15.1 Hazard Symbols No data available 15.2 Rish Phrases No data available 15.3 Safety Phrases S24/25 Avoid contact with skin and eye

Other

Not available.

Section 16: Other Information

SDS Creation Date : May,8, 2015 The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information n this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Tianrui Chemical and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.