

MATERIAL SAFETY DATA SHEET

Instant Essential Amino Acid(EAA)-L

1. CHEMICAL PRODUCT IDENTIFICATION

Product name Instant Essential Amino Acid(EAA)-L
 Chemical family Amino acid
 Manufacturer Ingredients4u PTE. LTD
 Tel: +86-21-31358882
 Fax: +86-21-31358998



2. COMPOSITION/INFORMATION ON INGREDIENTS

CAS#	Chemical Name	Percent	EINECS/ELINCS
73-32-5	L-Isoleucine	10 %	N/A
72-18-4	L-Valine	10 %	N/A
61-90-5	L-Leucine	35 %	N/A
657-27-2	L-Lysine Hcl	15%	N/A
63-68-3	L-Methionine	4%	N/A
72-19-5	L-Threonine	10%	N/A
63-91-2	L-Phenylalanine	7%	N/A
73-22-3	L-Tryptophan	7%	N/A

Hazard Symbols: None listed.

Risk Phrases: None listed.

3. HAZARD IDENTIFICATION

Environmental hazards No know negative effects.

Human health hazards Not to be expected if handled and used properly

4. FIRST AID MEASURES

Inhalation Remove to fresh air. Seek medical attention if discomfort persists.

Skin contact Wash with soap and water.

Eye contact Rinse eyes with copious amount of water.

Ingestion Seek medical attention if large amount of this material is ingested

5. FIRE FIGHTING MEASURES

Flash point N/A

Extinguishing media Dry fire extinguisher/Carbon dioxide/AFFF (A Film Forming Foam).

Unsuitable None.

MATERIAL SAFETY DATA SHEET

Unusual fire/explosion hazards	None.
Hazardous thermal decomposition products	N/A
Fire/Explosion Hazards	As with any fine particulate matter, accumulation of excessive dust on overhead structures may produce explosive concentrations when disturbed and
	dispersed
Protection of fire fighters	Wear self-contained breathing apparatus and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	The usual precautions for handling vegetable oil should be observed
Environmental precautions	Dispose of waste according to local regulations.
Methods of cleaning up	Remove large spills for disposal. Cover and clean small spills with absorbent material (e.g. universal binding material /sand/siliceous earth). Wash contaminated areas with soapy water.

7. HANDLING AND STORAGE

Handling	Keep away from heat, sparks and flame. Avoid contact with eyes, and skin. Wear gloves and safety glasses.
Storage	Keep in a cool, ventilated place. Avoid light and heat
Suitable packaging materials	Polyethylene/glass/fiber/paper/food grade steel container
Not suitable packaging materials	N/A

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Respiratory system protection	When airborne dust concentrations are high, wear respirators that are approved for protection against airborne dust.
Skin and body protection	Not necessary under normal conditions
Hand protection	Wear rubber gloves
Eye protection:	Wear safety glasses.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Fine Powder
Color	White to off-white fine powder
Odor	Faint characteristic
Melting point:	>200°C

MATERIAL SAFETY DATA SHEET

Solubility in water Soluble

N/A

Vapor density (air=1)

Flash point: N/A

10. STABILITY AND REACTIVITY

Stable under normal conditions

Materials to avoid Strong oxidizing agents

Hazardous decomposition
products N/A

Hazardous polymerization Will not occur

11. TOXICOLOGICAL INFORMATION

None toxic

12. ECOLOGICAL INFORMATION

Comment Biodegradable.

13. DISPOSAL CONSIDERATIONS

Methods of disposal: According to local regulation (suitable for incineration).

14. TRANSPORT INFORMATION

Land/Sea/Air transport: Not restricted.

15. REGULATORY INFORMATION

EC regulations: N/A

EC classification N/A

Label name: None

Hazard symbols: None

Risk phrases: None

Safely phrases: None

16. OTHER INFORMATION

The statements made here are supposed to describe the product with regard to necessary safety precautions. They do not guarantee special characteristics and are made to the best of our current knowledge.

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MATERIAL SAFETY DATA SHEET

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