

Material Safety Data Sheet

Section one: Chemical identification-----√-----

Product name: L-Arginine-L-Pyroglutamate

CAS No.: 56265-06-6

Appearance: White crystal powder

Assay: 99.0% min

Loss on drying: 1% max

Heavy metals: 10ppm max



Section two: Hazardous identification-----√-----

In case of contact with eyes, rinse immediately with plenty of water.

Section three: First aid measures:

In halation aid: Remove victims to fresh air. Keep victims at rest.

Skin aid: Wash off effected skin with plenty of water.

Eye aid: Wash out with plenty of water with the eyelid held wide open for at least 15 min, consult a doctor.

Ingestion aid: Wash mouth and stomach with plenty of water. Consult a Doctor.

Section four: Fire fighting measure: -----√-----

Extinguishing media: Water spray, carbon dioxide, dry chemical powder of appropriate foam.

Special fire fighting procedures: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual fire and explosion hazards: Emits toxic fumes under fire Conditions.

Section five: Accidental release measures-----√-----

Personal reaction: Wear respirator, chemical safety goggle rubber boots and heavy rubber gloves..

Environment mental precautions:..Absorb on sand or vermiculite and methods.

Section six: Cleaning up:

Place in closed containers for disposal. Ventilate area and wash spill site after material pick up complete.

Section seven: Handing and storage:-----√-----

Handling: Prevent from of dust clouds. Take pre cautionary measure against static discharge.

Storage: Keep in a cool, dry place. Keep container tightly closed. Keep away from direct sunlight. The storage temperature must be under 30°C.

Section eight: Exposure controls/ personal protection-----√-----

Respiratory protection: No applicable.

Hand protection: No applicable.

Eyes protection: No applicable.

Skin protection: No applicable.

Section nine: Toxicological information-----√-----

No data available.

Section ten: Stability and reactivity-----√-----

General : Expiry term, at least 12 month in a standard condition.

Conditions to avoid: Exposure to sunlight/ high temperature.

Material to avoid: Oxidizing substance: acid, chlorides and other chemicals.

Section eleven: Disposal consideration-----√-----

Disposal in accordance with all applicable regulations.

Section twelve: Physical and chemical properties-----

Physical state and appearance: Solid (crystalline solid.)

Other properties: Not available

Section thirteen: Ecological information-----

Ecotoxicity: Not available.

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 product itself and its

Products of degradation are not toxic.

Special remarks on the products of biodegradation: Not available.

Section fourteen: Transport information-----

Not applicable.

Section fifteen: Other regulatory information-----

Not applicable.

Section sixteen: Other information-----

Not applicable.