



AusVita Nutrition Inc.

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Material Safety Data Sheet

1. Identification of substance:

- **Product details**
- Trade name: L-Glutamine
- Emergency information: Fire-brigade

2. Composition/Data on components:

- Chemical characterization: (S)-2-Aminoglutaramic acid
- CAS No. Designation:[56-85-9] L-Glutamine

3. Hazards identification:

- **Hazard designation**
- Information pertaining to particular dangers for man and environment: by inhalation, and if swallowed.

4. First aid measures:

- General information: The product is not poison material.
- After inhalation: No special measures required.
- After skin contact: The product is not skin irritating.
- After eye contact: Rinse opened eye for several minutes under running water.
- After swallowing: No special measures required.

5. Fire fighting measures:

- Suitable extinguishing agents: CO₂, extinguishing power or water yet.
- Fight larger fires: with water yet or alcohol-resistant foam.
- Protective equipment: Put on breathing apparatus.

6. Accidental release measures:

- Person-related safety precautions: Not required.
- Measures for environmental protection: No special measures required.
- Measures for cleaning/collecting: No special measures required.
- Additional information: No special requirement.

7. Handling and storage:

·Handling

- Information for safe handling: Thorough deducting.
- Information about protection against explosions and fires: No special requirement.

·Storage

- Requirement to be met by storerooms and containers: No special requirement.
- Information about storage in one common storage facility: Not required.
- Further information about storage conditions: Preserve in tight containers at controlled room temperature, recommended limit is 2 years.

8. Exposure controls and personal protection:

- Additional information about design of technical systems: No further data, see item 7.
- Components with critical values that require monitoring at the workplace : None.
- Additional information: The lists that were valid during the compilation were use as basis.

·Personal protective equipment

- General protective and hygienic measures: No special requirement.
- Breathing equipment: Not required.
- Protection of hands: No special requirement.
- Eye protection : Not required.

9. Physical and chemical properties:

- Form: crystals or crystalline powder.
- Color: white or almost white.
- Smell: Slightly Characteristic taste.

·Change in condition

Value/Range Unit

- | | |
|-------------------------------|--|
| ·Melting point/Melting range: | Melts and decomposes at 185°C |
| ·Boiling point/Boiling range: | Not determined |
| ·Flash point: | Not determined |
| ·Danger of explosion: | Product is not explosive |
| ·Density | 0.75~0.85g/cm ³ |
| ·Solubility in/ with water: | (H ₂ O,g/100g):3.73(20°C), 6.57(40°C), 11.2(60°C) |

10. Stability and reactivity:

- Thermal decomposition/conditions to be avoided: No decomposition if used according to specification.

- Dangerous reaction: No dangerous reaction known.
- Dangerous products of decomposition: No dangerous decomposition products known.

11. Toxicological information:

- Acute toxicity**
- LD/LC₅₀ values that are relevant for classification:
- Components: L-Glutamine
- Type: To mice
- Value(LD₅₀,mg/kg): > 15000
- Species: No acute toxicity.
- Primary irritant effect**
- On the skin: No irritant effect.
- On the eyes: No irritant effect.
- Sensitization: No sensitizing effect known.

12. Ecological information:

- General notes: No hazardous ecological influence are known.

13. Disposal considerations:

- Product**
- Recommendation: No special requirement.
- Unclean packaging**
- Recommendation: No special requirement:

14. Transport information:

- Void
- IMO: no regulated
- IMDG: no regulated

15. Regulatory information:

- Designation according to be guidelines.

16. Other information:

- These data based on our present knowledge.
- However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.