

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

078690178

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

078690863

**AMINO ACID ORAL SOLUTION**

**Section 1: Identification of the Substance and Supplier**

**Product Name** Amino Acid Oral Solution  
**Recommended Use** Nutritional Supplement  
**Company Details** Sparhawk Laboratories Inc. 12340 Santa Fe Trail Dr. Lenexa, Ks. 66215  
**Emergency Telephone** 800-424-9300  
**Date of Preparations** 11/11/15

**Section 2: Hazards Identification**

**Hazard Classification** Not Hazardous  
**Priority Identifiers** None  
**Secondary Identifiers** None  
**Risk & Safety Phrases** Ingestion of unusually large amounts may cause vomiting, diarrhea any gastrointestinal upset.

**Section 3: Composition/Information on Ingredients**

| Chemical Name                       | CAS Number | Concentration |
|-------------------------------------|------------|---------------|
| I-Argenine                          | 74-79-3    | 0 - 1% w/v    |
| Calcium Chloride                    | 10043-52-4 | 0 - 1% w/v    |
| Dextrose Monohydrate                | 50-99-7    | 0 - 10% w/v   |
| Citric Acid                         | 77-92-9    | 0 - 1% w/v    |
| I-Cysteine HCl H <sub>2</sub> O     | 7048-04-6  | 0 - 1% w/v    |
| Magnesium Sulfate 7H <sub>2</sub> O | 7487-88-9  | 0 - 1% w/v    |
| Ethyl Paraben                       | 120-47-8   | 0 - 1% w/v    |
| I-Glutamic Acid                     | 56-86-0    | 0 - 1% w/v    |
| I-Histidine HCl H <sub>2</sub> O    | 5934-29-2  | 0 - 1% w/v    |
| I-Isoleucine                        | 73-32-5    | 0 - 1% w/v    |
| Lactic Acid 88%                     | 79-33-4    | 0 - 1% w/v    |
| I-Leucine                           | 61-90-5    | 0 - 1% w/v    |
| I-Lysine HCl                        | 657-27-2   | 0 - 1% w/v    |
| I-Methionine                        | 68-63-3    | 0 - 1% w/v    |
| Methyl Paraben                      | 99-76-3    | 0 - 1% w/v    |
| Niacin amide                        | 98-92-0    | 0 - 1% w/v    |
| d-Panthenol                         | 81-13-0    | 0 - 1% w/v    |
| I-Phenylalanine                     | 63-91-2    | 0 - 1% w/v    |
| Potassium Chloride                  | 7447-40-7  | 0 - 1% w/v    |
| Propyl Paraben                      | 941-13-3   | 0 - 1% w/v    |
| Propylene Glycol                    | 57-55-6    | 0 - 10% w/v   |
| Pyridoxine HCl                      | 58-56-0    | 0 - 1% w/v    |
| Riboflavin 5 NaPO <sub>4</sub>      | 130-40-5   | 0 - 1% w/v    |
| Sodium Acetate                      | 127-09-3   | 0 - 1% w/v    |
| Sorbitol 70%                        | 50-70-4    | 0 - 10% w/v   |
| Thiamine HCl                        | 67-03-8    | 0 - 1% w/v    |
| I-Threonine                         | 72-19-5    | 0 - 1% w/v    |
| I-Valine                            | 72-18-4    | 0 - 1% w/v    |

| Chemical Name            | CAS Number | Concentration    |
|--------------------------|------------|------------------|
| Cyanocobalamin USP       | 68-19-9    | 0.01 – mcg/mL    |
| Butylated Hydroxyanisole | 25013-16-5 | 0.5 – 0.1 mcg/mL |
| Water for Injection      | 7732-18-5  | QS               |

*Concentrations are listed as a range to protect proprietary information. The variations have no material effect on the safety data reported.*

### Section 4: First Aid Measures

**Necessary First Aid Measures**

Skin: Wash with soap and water  
 Eyes: Flush with water.  
 Inhalation: None  
 Ingestion: Drink plenty of water. Contact physician if symptoms persist.

### Section 5: Fire Fighting Measures

**Type of Hazard** Not Flammable  
**Fire Hazard Properties** None Applicable  
**Regulatory Requirements** None Applicable  
**Extinguishing Media and Methods** CO<sub>2</sub>, Extinguishing powder or water spray  
**Hazchem Code** None Applicable  
**Recommended Protective Clothing** Gloves and protective eye wear are optional

### Section 6: Accidental Release Measures

**Emergency Procedures** Small amounts-flush with water. Large spills-absorb liquid on clay or sand and shovel into DOT containers for disposal.

### Section 7: Handling and Storage

**Precautions for Safe Handling** Avoid contact with skin, eyes and mucosa  
**Regulatory Requirements** None Required  
**Handling Practices** Keep containers tightly sealed. Avoid physical contact.  
**Approved Handlers** Not Required  
**Conditions for Safe Storage** Store between 15°C-30°C (59°F-86°F)  
**Store Site Requirements** Controlled room temperature

### Section 8: Exposure control/Personal Protection

**Workplace Exposure Standards** None Applicable  
**Application in the workplace** None Applicable  
**Exposure standards outside the workplace** None Applicable  
**Personal protection** Protective apparel is required

### Section 9: Physical and Chemical Properties

|                         |                     |
|-------------------------|---------------------|
| Appearance              | Yellow Liquid       |
| Boiling Point           | Approximately 100°C |
| Melting/Softening point | None Applicable     |

|                               |                      |
|-------------------------------|----------------------|
| Vapor Pressure                | Not determined       |
| Specific Gravity              | About 1.01           |
| Solubility (H <sub>2</sub> O) | Soluble              |
| Percent Volatiles             | No volatiles present |
| Evaporation Rates             | Not determined       |

**Section 10: Stability and Reactivity**

|   |   |
|---|---|
| <b>Stability of the Substance</b>       | Stable under labeled storage conditions   |
| <b>Conditions to Avoid</b>              | Excessive heat  |
| <b>Material to Avoid</b>                | None  |
| <b>Hazardous Decomposition Products</b> | Toxic fumes may result from thermal decomposition: Carbon monoxide, carbon dioxide, Chloride, Oxides of phosphorous, potassium and sodium |

**Section 11: Toxicological Information**

**Acute effects for individual ingredients only**

Ingestion of unusually large amounts may cause gastrointestinal upset, vomiting and diarrhea

**Section 12: Environmental Information**

**Effects for individual ingredients only**

None Applicable

**Section 13: Disposal Considerations**

|                             |   |
|-----------------------------|---|
| <b>Disposal Information</b> | Flush small spills with water. For large spills, absorb liquid on clay, sand or other suitable absorbent material and shovel into DOT approved containers for disposal. |
| <b>Reference</b>            | Flush area with detergent and water   |

**Section 14: Transport Information**

|                             |                 |
|-----------------------------|-----------------|
| <b>Relevant Information</b> | No restrictions |
|-----------------------------|-----------------|

**Section 15: Regulatory Information**

|                          |                 |
|--------------------------|-----------------|
| <b>Regulatory Status</b> | None Applicable |
|--------------------------|-----------------|

**Section 16: Other Information**

|                               |   |
|-------------------------------|---|
| <b>Additional Information</b> | Keep out of reach of children. For animal use only. |
|-------------------------------|---|