

## **SAFETY DATA SHEETS**

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

078417824

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

078924222



# SAFETY DATA SHEET

## AMINO ACID ORAL CONCENTRATE

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

**Product Name** Amino Acid Oral Concentrate  
**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
L-Arginine	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 - 10% w/v
L-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
L-Glutamic Acid	56-86-0	0 - 1% w/v
L-Histidine HCl H <sub>2</sub> O	5934-29-2	0 - 1% w/v
L-Isoleucine	73-32-5	0 - 1% w/v
Lactic Acid 88%	79-33-4	0 - 1% w/v
L-Leucine	61-90-5	0 - 1% w/v
L-Lysine HCl	657-27-2	0 - 1% w/v
L-Methionine	68-63-3	0 - 1% w/v
Methyl Paraben	99-76-3	0 - 1% w/v
Niacinamide	98-92-0	0 - 1% w/v
d-Panthenol	81-13-0	0 - 1% w/v
L-Phenylalanine	63-91-2	0 - 1% w/v
Potassium Chloride	7447-40-7	0 - 1% w/v
Propyl Paraben	94-13-3	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

Chemical Name	CAS Number	Concentration
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
Cyanocobalamin	68-19-9	0.01 - 1 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° - 30°C (59° - 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

**Relevant Information** No restrictions

## Section 15: Regulatory Information

**Regulatory Status** None Applicable

## Section 16: Other Information

**Additional Information** Keep out of reach of children. For animal use only.