

GLUCAMINOLYTE FORTE

Section 1: Identification of the Substance and Supplier

Product Name Glucaminolyte Forte
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 gastrointestinal upset, nausea and diarrhea

Section 3: Composition/Information on Ingredients

Chemical Name	CAS Number	Concentration
I-Argenine HCl	74-79-3	0 - 1% w/v
Calcium Chloride 2H ₂ O	7789-79-7	0 - 1% w/v
Dextrose Monohydrate	50-99-7	10 - 50% w/v
I-Glutamic Acid	56-86-0	0 - 1% w/v
I-Histidine HCl	5934-29-2	0 - 1% w/v
I-Isoleucine	73-32-5	0 - 1% w/v
I-Leucine	61-90-5	0 - 1% w/v
I-Lysine	657-27-2	0 - 1% w/v
I-Methionine	63-68-3	0 - 1% w/v
Methyl Paraben	99-76-3	0 - 1% w/v
I-Phenylalanine	63-91-2	0 - 1% w/v
Potassium Acetate	127-08-2	0 - 1% w/v
Magnesium Chloride 6H ₂ O	7791-18-6	0 - 1% w/v
I-Proline	147-85-3	0 - 1% w/v
Propyl Paraben	94-13-3	0 - 1% w/v
Sodium Chloride	7647-14-5	0 - 1% w/v
I-Threonine	72-19-5	0 - 1% w/v
I-Tyrosine	60-18-4	0 - 1% w/v
I-Valine	72-18-4	0 - 1% w/v
Sodium Acetate, Anhydrous	127-09-3	0 - 1% w/v
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 ₂ , extinguishing powder or water spray
Hazchem Code	None Applicable
Recommended Protective Clothing	Gloves and protective eyewear are optional

Section 6: Accidental Release Measures

Emergency Procedures	Small spills: Flush with water. Large spills: absorb liquid with clay or other suitable absorbent materials. Shovel into DOT containers for disposal. Rinse area with detergent and water.
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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 and 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	Colorless to slightly yellow solution
Boiling Point	About 100°C
Melting/Softening point	None Applicable
Vapor Pressure	Not determined
Specific Gravity	About 1.02
Solubility (H ₂ O)	Soluble
Percent Volatiles	None Applicable
Evaporation Rates	None Applicable

Section 10: Stability and Reactivity

Stability of the Substance	Stable when stored according to label conditions
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Conditions to Avoid	Excessive Heat
Material to Avoid	None
Hazardous Decomposition Products	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 volumes may result in gastrointestinal upset, vomiting and diarrhea

Section 12: Environmental Information

Effects for individual ingredients only

None Applicable

Section 13: Disposal Considerations

Disposal Information	Flush small spills with water. For large spills, use clay, sand or other suitable absorbent material. Shovel material into DOT containers for disposal. Clean area with detergent and water.
Reference	None Applicable

Section 14: Transport Information

Relevant Information	No restrictions
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Section 15: Regulatory Information

Regulatory Status	None Applicable
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Section 16: Other Information

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