

Material Safety Data Sheet

POWERAMINO 800



1. Product Identification

Commercial Name: POWERAMINO 800
Chemical Name: Enzymatic Amino Acid Powder/Hydrolyzed Protein

2. Supplier Information

Supplier: Xi'an NatureTech International Co., Ltd.
Address: Rm21204 Bldg 1, Wangting Int'l, No. 80 Gaoxin Rd.,
City: Xi'an
Province: Shaanxi
Country: China
Tel/Fax: +86-29-8112 9402
E-mail: info@agronaturetech.com

3. Ingredients

Total Amino Acid: 80%
Moisture: 5%

4. Physical Data

Form: Powder
Color: Light Yellow
Odor: Ammonia
Viscosity: N/A
Water Solubility: Completely
Vapor Pressure: N/A
pH Value: 4.0-6.0
Stability: Stable under light

5. Toxicological Information

Acute Toxicity: N/A
Chronic Effects: N/A

6. First Aid Measures

Skin Contact:	Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists. Wash clothing before reuse.
Eye Contact:	Flush eyes with copious amounts of water for at least 15 minutes. Assure adequate flushing of eyes by separating eyelids with fingers. Obtain medical attention immediately.
Inhalation:	Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.
Ingestion:	Never give anything by mouth to an unconscious person. Get medical aid. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water

7. Fire Fighting Measures

Wear a self-contained breathing apparatus in pressure-demand. MSHA/ NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Extinguishing Media:	Use agent most appropriate to extinguish fire. In case of fire, use water spray, dry chemical, carbon dioxide, or appropriate foam.
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8. Accident Release Measures

Personal Precautions:	When dusts are generated, use personal protective equipment: dust filter, goggles, gloves and protective clothing.
Environmental Precautions:	No ecological problems are to be expected

9. Handling and Storage

Handling:	Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid breathing dust, vapor, mist, or gas. Avoid contact with eyes, skin, and clothing. Keep container tightly closed, avoid ingestion and inhalation.
Storage:	Keep container closed when not in use. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

Store protected from moisture.

10. Health Hazard Information

Engineering Measures to Reduce Exposures:	Avoid dust generation.
Threshold Limit Value:	Not applicable.
Personal Protective Equipment:	When dust is generated.
Respiratory Protection:	Dust filters.
Hand Protection:	Gloves
Eye Protection:	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye.
Face Protection:	Regulations in 29 CFR 1910.133 or European Standard EN166.
Skin and Body Protection:	Wear appropriate protective gloves and clothing to prevent skin exposure.
Specific Hygiene Measure:	Change contaminated clothing. Wash hands after working with substance.

11. Stability & Reactivity Data

Stability:	Stable under normal temperatures and pressures.
Materials to avoid:	Aluminum, Diazomethane, Phosphorus.
Hazardous Decomposition Products:	In the event of fire: POx

12. Toxicological and Ecological Information

None

13. Disposal Procedures

Take up dry. Forward for disposal. Clean up affected area.

14. Transport Information

Proper Shipping Name:	POWERAMINO 800
Packing:	In 20kg Paper Bag

15. Regulatory Information

RID/ADR: Not applicable.

NFPA Hazard Rating: Not applicable.

US DOT: Not applicable.

16. Other Information

The information presented herein is based on available data from reliable sources and is correct to the best of Xi'an NatureTech International Co., Ltd. Knowledge. Indications only describe product safety requirements and they are based on our actual knowledge. They represent no guarantee regarding the product's characteristics in the sense of legal warranty liability. Specifications are available in the individual technical data sheet of the various products.

Safety technical data sheet prepared by: product safety department.