



# Safety Data Sheet

## Biomin<sup>®</sup> N Powder

### SECTION 1: Product and Company Identification

Product name: Biomin<sup>®</sup> N Powder  
Product code: 0423 / 052018  
Product use: Plant fertilizer  
Product type: Solid / powder / granule  
Synonyms - Hydrolyzed vegetable protein, Hydrolyzed soy protein, Soy protein hydrolysate, Amino acid

#### Importer & Distributor:

Roots, Shoots & Fruits Ltd.  
PO Box 72 Waiheke Island  
Auckland, New Zealand 1840  
Ph: (09) 3729155

#### Manufacturer:

JH Biotech, Inc.  
4951 Olivas Park Drive,  
Ventura, CA 93030  
Ph: (805)650-8933  
Fax: (805)650-8942  
[info@jhbiotech.com](mailto:info@jhbiotech.com)

24-Hour Emergency tel: (800) 633-8253 (United States & Canada) (801) 629-0667 (International)

24-hour emergency contact within New Zealand is 0800 764 766 (0800 POISON)

### SECTION 2: Hazards Identification

Signal word: None  
Label element: None  
Hazard statement: Not hazardous  
Precautionary statement: Do not swallow. Avoid contact with eyes.  
First Aid: If swallowed: Seek medical attention. Rinse mouth. If in eyes: Remove contact lenses if present. Wash thoroughly with water for several minutes.  
Storage & Disposal: Store in a safe manner. Dispose product/container in accordance with federal, state, and local regulations.

### SECTION 3: Composition/Information on Ingredients

Component	CAS No.	%
Soy protein hydrolysate	68607-88-5	100

### SECTION 4: First Aid Measures

Inhalation: Remove from source of exposure. Get medical attention if necessary.  
Skin contact: Wash thoroughly with soap and water. Get medical attention if necessary.  
Eye contact: Wash eyes with plenty of water for at least 15 minutes. Be sure to remove contact lenses. Get medical attention if necessary.  
Ingestion: Wash out mouth with plenty of water. Do not induce vomiting. Get medical attention if necessary.

### SECTION 5: Firefighting Measures

#### Suitable extinguishing media

Water spray, dry chemical, carbon dioxide, foam

#### Special hazards arising from the substance or mixture

None

#### Protection for firefighters

Wear protective clothing and equipment

### SECTION 6: Accidental Release Measures

#### Personal precautions, protective equipment and emergency procedures

Wear protective clothing, gloves, and safety eye goggles.

#### Environmental precautions

None

#### Methods and material for containment and cleaning up



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Contain all spills and leaks to prevent discharge into the environment. Use appropriate tools to transfer spill material to proper disposal container. Or recover material and use it for its intended purpose.

### SECTION 7: Handling and Storage

#### Precautions for safe handling

Avoid overheating or freezing

#### Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated area away from direct sunlight. Store away from incompatible materials.

### SECTION 8: Exposure Controls/Personal Protection

#### Exposure controls

Product has no occupational exposure limits. Avoid inhaling dusts or vapors. Practice good industrial hygiene and safety.

	OSHA PEL (8 hr TWA)	NIOSH REL (10 hr TWA)	ACGIH Threshold Limit Value (8 hr TWA)
Nuisance dust (total)	15 mg/m <sup>3</sup>	n/a	n/a
Nuisance dust (resp)	5 mg/m <sup>3</sup>	n/a	n/a

#### Personal protection

Eye protection: Eye protection is not required. To avoid contact with eyes, use safety eye goggles.  
Skin protection: Wear protective clothing as necessary to minimize contact. Use chemical resistant gloves.  
Respiratory protection: Not required. Wear approved respiratory equipment if necessary.

### SECTION 9: Physical and Chemical Properties

#### Information on basic physical and chemical properties

<b>Appearance</b>	Cream, light brown, yellow	<b>Vapor pressure</b>	Not applicable
<b>Odor</b>	Slight odor	<b>Vapor density</b>	Not applicable
<b>pH (1% solution)</b>	5 – 7.5	<b>Relative density</b>	0.47 g/ml
<b>Physical state</b>	Solid	<b>Solubility</b>	Soluble in water
<b>Melting point / Freezing point</b>	>100°C / 212°F	<b>Partition coefficient</b>	Not applicable
<b>Boiling point</b>	Not applicable	<b>Auto-ignition temperature</b>	Not applicable
<b>Flash point</b>	Not applicable	<b>Decomposition temperature</b>	Not applicable
<b>Evaporation rate</b>	Not applicable	<b>Viscosity</b>	Not applicable
<b>Flammability</b>	Non-flammable	<b>Explosive properties</b>	Non-explosive
<b>Explosive limits</b>	Not applicable	<b>Oxidizing properties</b>	Non-oxidizer

### SECTION 10: Stability and Reactivity

#### Reactivity

None

#### Chemical stability

Product is stable.

#### Possibility of hazardous reactions

Under normal conditions, hazardous reaction will not occur.

#### Conditions to avoid

Avoid excessive humidity or moisture levels. Avoid direct sunlight and prolonged exposure to air

#### Incompatible materials

Strong oxidizing agent

#### Hazardous decomposition products

Carbon monoxide, carbon dioxide

### SECTION 11: Toxicological Information

#### Information on toxicological effects

Acute toxicity: Low  
Inhalation: LC50(rat) > 20mg/liter/4h  
Irritation: May cause eye or respiratory irritation  
Corrosivity: Not known to be corrosive



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Sensitization: Not known to cause sensitization  
Dose toxicity: Not known to be toxic  
Carcinogenicity: Not known to be carcinogenic  
Mutagenicity: Not known to be mutagenic  
Reproductive toxicity: Not known to cause reproductive harm

### SECTION 12: Ecological Information

#### Ecotoxicity

Not considered hazardous

#### Persistence and degradability

Biodegradable

#### Bioaccumulative potential

None

#### Mobility in soil

Soluble in water and may disperse in soil

### SECTION 13: Disposal Considerations

#### Waste treatment methods

Not hazardous waste. Dispose of product in accordance with federal, state, and local regulations. Consult with qualified representative for proper disposal or treatment.

### SECTION 14: Transport Information

#### DOT

Not regulated by U.S. DOT as hazardous material.

UN number: Not applicable  
UN proper shipping name: Not applicable  
Transport hazard class(es): Not applicable  
Packing group: Not applicable  
Environmental hazards: Not applicable  
Special precautions for user: Not applicable

#### IATA

Not dangerous goods

#### IMDG

Not dangerous goods

### SECTION 15: Regulatory Information

#### CERCLA

This product does not contain any substance regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

#### California Prop 65

This product does not contain any chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

#### SARA 311/312 Hazards

Acute Health Hazard: No  
Chronic Health Hazard: No  
Fire Hazard: No  
Sudden Release of Pressure Hazard: No  
Reactive Hazard: No

#### SARA 313

This product does not contain any material that is subject to reporting levels established by SARA Title III, Section 313.

#### Not Subject to "Right-To-Know" legislation in the following states

Massachusetts, New Jersey, Pennsylvania



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**SECTION 16: Other Information**

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Issued: 01/09/2023

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