



106 Glen Dale Drive  
Woodland Park, CO 80863  
(719)•482•4895  
www.brewingscience.com

# BSI Yeast Nutrient

## SAFETY DATA SHEET

### Section 1: Product & Company Identification

**Product name:** BSI Yeast Nutrient  
**Product code:** BSIYN100  
**Product use:** Nutrient for yeast growth and fermentation  
**Supplier name and address:** The Brewing Science Institute  
106 Glen Dale Dr, Woodland Park Colorado 80863  
Phone: 719-482-4895

**In emergency** call 911.  
**Date of SDS preparation:** July 1, 2023

### Section 2: Hazard(s) Identification

The product contains a mixture of ingredients that may have unknown dermal and inhalation toxicity.

**Eye contact:** May cause irritation on prolonged contact.  
**Eye contact:** May cause eye irritation upon direct contact. Seek Medical attention.  
**Inhalation:** In some cases, repeated exposure may lead to allergic sensitization based on the exposure level, duration and susceptibility of the individual.  
**Ingestion:** Excessive ingestion of yeast powder could lead to intestinal discomfort (e.g., diarrhea, bloating, cramping etc.)

### Section 3: Composition/ Information on Ingredients

Product composition – Blend of inorganic and organic nitrogen, and trace minerals.  
**Allergens** – The mixture contains **soy**.

Chemical Name	CAS#	Conc.
Yeast Hulls	68876-77-7	N/A
Diammonium Phosphate (DAP)	7783-28-0	N/A
Zinc Sulfate	7733-02-0	N/A
Manganese II Sulfate	7785-87-7	N/A

### Section 4: First-Aid Measures

**Eye contact:** Flush eyes for at least 15 minutes. If irritation persists, seek medical advice.  
**Skin contact:** Wash affected area with soap and water.  
**Inhalation:** Immediately remove person to fresh air. If an allergic respiratory reaction occurs, seek medical advice.  
**Swallowing:** Wash mouth and throat with water, seek medical advice if any symptoms persist.

### Section 5: Fire-Fighting Measures

**Flammability:** Unknown

**Extinguishing media:** Water, foam, carbon dioxide

**Specific hazard:** May form explosible dust-air mixture if dispersed.

**Flash Point:** Not available

**Flammable limits:** Not available

**Explosion Limits:** Not available

**Firefighting procedures:** Use self-contained breathing apparatus and protective gear.

### Section 6: Accidental Release Measures

Ensure adequate ventilation. Use personal protective equipment. Avoid generation of dust. Sweep up spillage and collect in a suitable container for disposal. Dispose of by methods consistent with Federal, State and Local regulations.

### Section 7: Handling and Storage

**Handling:** Avoid breathing dust. Avoid contact with eyes, skin and clothing. Wear protective equipment. Wash thoroughly after handling.

**Storage:** Keep containers tightly closed and sealed in a dry, cool and well-ventilated place. Store in accordance with local regulations.

### Section 8: Exposure Controls/Personal Protection

**General protection:** An approved respirator should be worn when exposure is expected to be usually high.

**Eye protection:** Safety glasses/goggles recommended.

**Protection of hands:** Wear rubber or vinyl gloves.

**Specific engineering controls:** Use with adequate ventilation.

**Environmental exposure control:** None

### Section 9: Physical and Chemical Properties

**Physical state:** Solid (Powder)

**Appearance:** Fine to granular, light tan powder

**Odor:** Yeasty Smell

**Odor threshold:** Not applicable

**pH:** No data available

**Melting point:** No data available

**Boiling point:** Not applicable

**Flash point:** Not applicable

**Evaporation rate:** Not applicable

**Flammability:** Not applicable

**Upper/lower flammability or explosive limits:** No data available

**Auto ignition temperature:** Not applicable

**Explosive properties:** Not applicable

**Viscosity:** Not applicable

**Vapor pressure:** Not applicable

**Vapor density:** Not applicable

**Relative density:** Data not available

**Solubility in water:** Partially soluble

**Partition Coefficient:** Not applicable

### Section 10: Stability and Reactivity

**Stability:** Non-reactive. Stable under normal conditions.

**Reactivity:** None based on the information available

**Conditions to avoid:** None

**Incompatible materials:** None  
**Hazardous decomposition products:** None

### Section 11: Toxicological Information

**Acute toxicity:** No data available  
**Potential routes of exposure/potential health effects**  
**Skin:** High concentration irritant to skin  
**Eye:** High concentration irritant to eye  
**Respiratory Irritant:** No data available  
**Carcinogenic effects:** No data available  
**Mutagenic effects:** No data available  
**Reproductive toxicity:** No data available  
**Sensitization:** Possible allergic sensitization  
**Teratogenicity:** No data available

### Section 12: Ecological Information (non-mandatory)

**Ecotoxicity:** No information available  
**Mobility:** No information available  
**Biodegradation:** No information available  
**Bioaccumulation:** No information available

### Section 13: Disposal Considerations (non-mandatory)

Practice disposal in accordance with Federal, state and local regulations.

### Section 14: Transport Information (non-mandatory)

Not a DOT controlled, or government regulated material.

### Section 15: Regulatory Information (non-mandatory)

#### **US Federal Regulations**

**TSCA (Toxic Substances Control Act):** Not applicable  
**SARA Section 313 (specific toxic chemical listings):** Not applicable  
SARA 311/312 Hazardous Categorization: Not applicable  
**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs):** Not applicable  
**OSHA/HCS status:** This product is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

#### **Composition/Information on ingredients**

Chemical Name	CAS#	Classification
Manganese II sulfate	7785-87-7	Combustible dusts

### Section 16: Other Information

**SDS prepared by:** The Brewing Science Institute, Email: info@brewingscience.com  
**SDS creation date:** 07/01/2023  
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