

Roasted Barley

Section 1: Identification

Manufacturer:	Briess Malt & Ingredients Company, Division of Briess Industries, Inc.	SDS No.: 1632
Corporate Address:	625 S. Irish Rd.	CAS No.: N/A
Chilton, WI 53014		
Phone No. (Information):	920/849-7711	
Emergency Phone No.:	920/849-7711	
Product Use:	Food Ingredient	

Section 2: Hazard(s) Identification

GHS Hazard Class	This product does not meet the physical, health, or environmental classification of GHS (Globally Harmonized System)
Hazard Classification:	Not classified as hazardous based on IARA, IMDG, and DOT
Signal word:	Warning: May form combustible dust concentrations in air (during processing and handling). Product dust may cause mild irritation
Hazard statement:	Mild eye irritant May caused difficulty breathing if inhaled May create flash fire or explosion hazard if sufficient concentration of dust is dispersed and exposed to an ignition source.
Precautionary Statement:	Eye irritant- Rinse eye with water for several minutes Avoid breathing dust- Excessive inhalation may affect throat, nose, and lungs When dispersed into the air in sufficient concentrations, like all dusts, can explode in the presence of an ignition sources. Do not allow dust to become dispersed into the air, even by the extinguishing agent. Minimum explosive concentration is 25-55 mg/m ³ . However, moisture content, particle size, caloric properties, and specific ingredients also affect the explosiveness of grain dust. Avoid ignition sources.

Section 3: Composition/ Information on Ingredients

Principal Hazardous Component(s):	<u>%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Non-Hazardous Ingredient(s):	100%	N/A	N/A

Whole kernel processed barley

Section 4: First-Aid-Measures

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. If conditions worsen or there is no improvement, seek medical attention immediately.

Skin Contact: If skin irritation occurs, immediately flush skin with plenty of soap and water. Remove contaminated clothing.

Inhalation: Remove to fresh air. If not breathing, provide CPR (cardio pulmonary resuscitation). Get immediate medical attention.

Ingestion: If swallowed do not induce vomiting, give large quantities of water to drink. Never give anything to an unconscious person. Get immediate medical attention.

Section 5: Fire-Fighting Measures

Flash Point (Method Used): N/A

Special Fire Fighting Procedures: None

Suitable fire extinguishing media: Class A (water) fire extinguisher

Section 6: Accidental Release Measures

Personal Precautions: Removal of ignition sources
Provide sufficient ventilation
Put on appropriate personal protective equipment (see section 8)

Clean up: Sweep the material. Do not vacuum

Section 7: Handling and Storage

Storage: In a cool and dry location.
Storing opened bags is not recommended.

Precautions to be Taken in Handling and Storage: Avoid handling procedures which produce spills or dust.

Section 8: Exposure Controls/Personal Protection

Eye Protection:	Safety glasses/goggles
Hand Protection:	N/A
Skin Protection:	N/A
Respiratory Protection:	N95 respirator
Ventilation:	As needed for dust control
Hygienic Work Practices:	Good housekeeping to control spills

Section 9: Physical and Chemical Properties

Boiling Point (°F):	N/A	Specific Gravity (H ₂ O=1):	N/A
Vapor Pressure (mm HG):	N/A	Melting Point:	N/A
Vapor Density (Air=1):	N/A	Evaporation Rate (Butyl Acetate=1):	N/A
Solubility in Water:	N/A	Volatiles (% by Wt.):	N/A
Appearance and Odor:	Whole kernel processed barley with dark brown color and dark roasted aroma and flavor.		

Section 10: Stability and Reactivity

Stability:	Stable
Conditions to Avoid:	Do not allow to accumulate.
Incompatibility (Materials to Avoid):	N/A
Hazardous Decomposition Products:	N/A
Hazardous Polymerization:	Will not occur.

Section 11: Toxicological Information

There is no toxicological information available for the product.

Symptoms

Eye Contact:	N/A
Skin Contact:	N/A
Inhalation:	N/A
Ingestion:	N/A

Carcinogenicity: NTP –no IARC – no OSHA – no
Acute and Chronic Health Hazards: N/A
Signs and Symptoms of Exposure: None
Medical Conditions Generally Aggravated by Exposure: Allergies
Emergency and First Aid Procedures: None

Section 12: Ecological Information (non-mandatory)

N/A

Section 13: Disposal Considerations (non-mandatory)

Steps to be Taken if Material is Spilled or Released: Clean up according to standard GMP.
Waste Disposal Method: Dispose in approved solid waste disposal area per current regulations.

Section 14: Transport Information (non-mandatory)

Product is packaged in polylined multi-walled paper bags or polyethene totes. Avoid handling procedures which produce spills or dust.
See section 6 for Accidental Release Measures.

Section 15: Regulatory Information (non-mandatory)

N/A

Section 16: Other Information

Hazard Rating System:

Health: 0
Flammability: 1
Reactivity: 0

NFPA Rating System:

Health: 0
Flammability: 1
Reactivity: 0
Special Hazard: 0

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