



POTENTIAL CARCINOGENS PRESENT (OSHA, IARC, NTP): None known.

## MATERIAL SAFETY DATA SHEET

Product Name: **Barley Products**

### 4. FIRST AID MEASURES

**EYES:** Flush with water for 15 minutes. Consult a physician if irritation persists.

**SKIN:** Wash with soap and water.

**INHALATION:** Move to fresh air.

### 5. FIRE FIGHTING MEASURES

**FLASH POINT:** N/A

**FLAMMABLE LIMITS:**

LFL: 55 gm/m<sup>3</sup>

UFL: Unknown

**EXTINGUISHING MEDIA:** Foam, CO<sub>2</sub>, dry chemical, water fog.

**SPECIAL FIRE FIGHTING PROCEDURES:** Do not use direct hose stream if dust can be dispersed into air. Dust dispersed by water stream in the presence of an ignition source could cause an explosion.

**FIRE AND EXPLOSION HAZARDS:** If improperly handled, stored, and/or exposed to an ignition source, this material may burn. Airborne dust in sufficient concentration when confined and exposed to a sufficient ignition source can explode.

### 6. ACCIDENTAL RELEASE MEASURES

**GENERAL:** Dust is explosive. Eliminate ignition sources.

Use care to avoid creating dusty conditions. Sweep up and repackage or dispose of in accordance with local, state and federal regulations.

### 7. HANDLING AND STORAGE

**GENERAL:** May form flammable dust-air mixtures. Use handling practices that minimize dust generation and accumulation.

**STORAGE:** Store in a dry place.

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### 8. EXPOSURE CONTROL/PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Provide adequate general or local ventilation to keep dust levels below the exposure limits.

**RESPIRATORY PROTECTION:** Provide a NIOSH/MSHA approved respirator if exposure limits are exceeded.

**SKIN PROTECTION:** Clean body-covering as needed.

**EYE PROTECTION:** Safety glasses or goggles.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Off-white to tan; flakes or pearled barley  
**ODOR:** Characteristic of barley  
**SPECIFIC GRAVITY:** No information available  
**% VOLATILE:** N/A  
**MELTING POINT:** N/A  
**BOILING POINT:** N/A  
**VAPOR PRESSURE:** N/A  
**VAPOR DENSITY:** N/A

### 10. STABILITY AND REACTIVITY

**GENERAL:** Stable

**REACTIVITY:** None

**INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID:**

Dusty conditions exceeding the Lower Flammable Limit (LFL). Ignition sources.

### 11. OTHER INFORMATION

Follow procedures specified in the National Fire Protection Association Codes and Standards for handling combustible dusts. Maintain good housekeeping to avoid dust buildup.

Effective Date: May 4, 1993

Revision date: March 25, 2011 changed Emergency Numbers (WB)