

MATERIAL SAFETY DATA SHEET (MSDS)

Section 1 Identity (As used on label and list)

Product:
Oat Products-
(whole, crimped, cut, rolled, flaked,
ground, or pulverized)

Manufacturer:
Bridgewell Resources
12420 SE Carpenter Dr
Clackamas, OR 97015

Date of Preparation: 10-12-10 Revised: Manufacturer's Telephone: 503.723.5410

Section 2 Composition of Hazardous Ingredients

Not a hazardous material under the Department of Labor definitions. Is Generally Recognized as Safe (GRAS) under the Food, Drug and Cosmetic Act.

Section 3 Hazardous Identification

Primary Routes of Entry: Skin, Eye, Ingestion, Inhalation

Signs & Symptoms of exposure:

Eyes: Contact may cause slight irritation due to mechanical action. Symptoms may include redness and tearing.

Skin: Contact with dust may cause slight irritation.

Inhalation: Prolonged inhalation of excessive amounts of nuisance dusts may affect respiratory system causing cough and aggravating previously existing respiratory disorders. Prolonged or repeated over exposure may cause lung damage.

Ingestion: None expected

Acute: None Known

Chronic: None Known

Medical Conditions
Aggravated by Exposure: Allergies, preexisting lung conditions or asthma.

Section 4 First Aid Measures

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

Skin: May be removed by skin by washing with soap and warm water.

Inhalation: Expose individual to fresh air.

Section 5 Fire Fighting Measures

Flammable: N/A

Flammable Limits:

LFL: 55 gm/m³

UFL: Unknown

Extinguishing Media: Foam, CO₂, 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 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.

Section 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.
If material is spilled:	Sweep up and clean with water if needed
Personal Precautions:	
Respiratory Protection:	Not normally needed
Ventilation:	Intermittent clean air exchanges recommended, but not required
Protection gloves:	Not normally needed
Eye Protection:	Not normally needed

Section 7 Handling & Storage

Handling:	May form flammable dust-air mixtures. Use handling practices that minimize dust generation and accumulation.
Storage:	Store in a dry place.

Section 8 Exposure Controls/Personal Protection

Eye Protection:	None needed under normal use.
Skin Protection:	None needed under normal use.
Respiratory Protection:	Not Normally needed
Ventilation:	Not normally needed

Section 9 Physical & Chemical Properties

Physical State:	Granular- Flakes
Appearance:	White, cream, tan color
Odor:	Neutral, bland
Bulk Density:	22lbs/ft ³ - 26 lb/ft ³
Flake Thickness:	0.023" - 0.029"
Granulation	
On US #4:	20% - 40%
On US #7:	40% - 60%
On US #10:	5% - 15%
Thur US #10:	0% - 10%
Foreign Material Hulls:	0 - 7/ 50g
Moisture:	8.0% - 12.5%
Water Absorption:	100% - 150%
Enzyme Activity:	Negative - Low

Section 10 Stability & Reactivity

Stability:	Stable. But, dust is flammable. See "Unusual Fire and Explosion Procedures"
Conditions to Avoid:	Dust with ignition source
Incompatibility:	None
Hazardous Decomposition Products:	None
Hazardous Polymerization:	Will Not Occur

Section 11 Toxicological Information

Positive Teratogen / Mutagen / Carcinogen (NTP):	NO
Potential Carcinogen OSHA / IARC:	NO

Acute Toxicity: N/A
Local Effects: Rubbing may cause mechanical skin irritation
Other Information: No known toxicity

Section 12 Ecological Information

Water Disposals: Recyclable for animal feed usage, dependent on containments. Incineration or landfill; observe all Federal, Provincial/State, and Municipal Laws and Regulations

Section 13 Disposal Considerations

Waste Disposal Method(s): Dispose of in accordance with local, state, and federal regulations.

Section 14 Transportation Information (DOT shipping information)

Consumer commodity: Not Required

Section 15 Regulatory Information

Immediate (Acute) Health N Sudden Release of Pressure N
Delayed (Chronic) Health N Reactivity N Fire N

State Right-To-Know (RTK) Information: Check with specific state authorities since regulations vary within the states.

Section 16 Disclaimer

To the best of our knowledge, the information contained herein is accurate and is provided in good faith to comply with applicable federal and state laws. However, we cannot assume any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user.

All materials may present unknown hazards and should be used with caution, although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.

Section 17 Other Information

Format follows ANSI-Z400. 1-1993 Prepared 01/30/09 and revised.

NA = Not Applicable ND = Not Determined