

MATERIAL SAFETY DATA SHEET (MSDS)

Section 1 Identity (As used on label and list)

Product:
Vital Wheat Gluten, Gluten

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: None expected

Skin: None expected

Inhalation: None expected

Ingestion: None expected

Acute: N/A

Chronic: N/A

Section 4 First Aid Measures

First Aid: Not a dangerous substance

Eye: Flush eyes with water

Skin: Wash with water and soap

Inhalation: Remove from exposure, in case of respiratory problems

Section 5 Fire Fighting Measures

Flammable: Yes

Flash point: N/A

Extinguishing Media: Water spray

Special Fire Fighting Procedures:

Stop spill, start fire fighting immediately

Section 6 Accidental Release Measures

If material is spilled: Collect mechanically, vacuum up, and if necessary wash with warm water

Personal Precautions:

Respiratory Protection: N/A

Ventilation: Avoid dust formation or dispersal into the air

Protection gloves: N/A

Eye Protection: Not required but useful in case of eye irritation

Section 7 Handling & Storage

Handling: Handle with personal protection.
Storage: Store in suitable containers or warehouse. Store in cool, dry well ventilated area. Packed in bulk bags.

Section 8 Exposure Controls/Personal Protection

Respiratory Protection: N/A
Ventilation: Avoid dust formation or dispersal into the air
Protection gloves: N/A
Eye Protection: Not required but useful in case of eye irritation

Section 9 Physical & Chemical Properties

Physical State: Powder
Appearance: Creamy, light yellow
Odor: Neutral, typical
Solubility in Water: Soluble
Ignition Temperature: 380-540 °C

Section 10 Stability & Reactivity

Stability: Stable.
Conditions to Avoid: Air/ dust mixture
Incompatibility: Strong oxidizing agents
Hazardous Decomposition Products: Typical decomposition products carbon monoxide and dioxide, oxygen, water, nitrogen

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

Environmental Precautions: Generally no or weak hazard for water, Vital Wheat Gluten is completely bio-degradable

Section 13 Disposal Considerations

Waste Disposal Method(s): No special requirements.

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