




## SAFETY DATA SHEET Defatted Wheat Germ

### 1. COMPANY INFORMATION

Address	Intended Use	Contact Information
226 West Livingston St. Monticello, IL 61856 Viobinusa.com	Food additive	Day Telephone: 1-217-762-2561 FAX: 1-217-762-2489

### 2. HAZARD INFORMATION

GHS Symbol(s):	GHS Classification:	Hazard Statement:
 <b>Irritant Irritant May cause allergic reaction</b>	Acute Toxicity- Inhalation/Category 4 Eye Damage- Category 2B mild irritant Sensitizer- Respiratory 3 irritant Sensitizer- Skin Category 3 mild skin irritant	<b>Hazard Statement:</b> Wheat Allergen. Avoid prolonged or repeated contact with skin. This material is irritating to the respiratory tract, mucous membranes, skin and eyes. Low toxicity makes symptoms unlikely. Skin or eye irritation possible. Other symptoms may result from over inhalation of nuisance dust. See section 11. <b>TOXICOLOGICAL INFORMATION</b> <b>Dust explosion hazard. May form combustible dust-air mixtures.</b>

### 3. COMPOSITION INGREDIENT INFORMATION

	CAS NO.	~%	OSHA PEL/TWA	ACGIH TLV
1. Defatted Wheat Germ	NA	100	TWA 10 mg/ m <sup>3</sup>	4 mg/m <sup>3</sup>

Note: All the above ingredients are regulated as nuisance particulate.

### 4. FIRST AID MEASURES

**Eye contact:** Flush with plenty of water for 15 minutes. See a physician if irritation persists.

**Skin contact:** Wash with soap and water.

**Inhalation:** May irritate respiratory tract. Considered a nuisance dust. Remove to fresh air and call physician if inhaled in excessive amounts.

**Ingestion:** Not toxic in normal amounts.

### 5. FIRE AND EXPLOSION DATA

**PHYSICAL DANGERS:** Moderate dust explosion hazard if in the form of a dust when exposed to an ignition source.

**EXTINGUISHING MEDIA:** Water, dry chemical, CO<sub>2</sub>, or foam as appropriate for surrounding materials.

**SPECIAL FIRE FIGHTING PROCEDURE:** Evacuate personnel to an upwind area. Keep fire-exposed containers cool with water spray.

**PERSONAL PROTECTIVE EQUIPMENT:** Wear NIOSH/MSHA approved positive pressure, self contained breathing apparatus and full protective turn out gear. Use caution when approaching fire.

**ADDITIONAL INFORMATION OR PRECAUTIONS:** The fire and explosion hazards are considered moderate. Explosion proof wiring and electrical devices recommended.

### 6. ACCIDENTAL RELEASE PROCEDURES

**ACCIDENTAL RELEASE MEASURES:** Recover as much as possible. Place the unusable portion in trash containers for disposal. Consult with local and state authorities concerning proper disposal and incineration.

### 7. STORAGE AND HANDLING

Separate from incompatible chemicals and conditions (see Section 10). Avoid hot/humid conditions. Containers should be stored in a dry place. Ground and bond all transfer equipment. Avoid heavy dust concentrations in air. Always use with adequate ventilation.

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## 8. PROTECTIVE PROCEDURES AND EQUIPMENT

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**RESPIRATORY:** Wear MSHA/NIOSH approved dust mask.

**EYES:** Safety glasses required. Safety goggles recommended.

**HANDS:** Wear gloves as needed.

**OTHER CLOTHING AND EQUIPMENT:** Wear protective clothing as needed to prevent skin irritation.

**VENTILATION:** Mechanical or other to keep dust level below the permitted particulate dust exposure limit.

**WORK/HYGIENIC PRACTICES:** Do not get in eyes. Avoid breathing dust. Shower after work shift. Launder clothes after each use. Institute OSHA Respiratory Program.

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## 9. PHYSICAL PROPERTIES

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**FORM:** Granular or fine powder

**WATER SOLUBILITY:** N/A

**FLASH POINT:** N/A

**COLOR:** Tan, brown

**% VOLATILE BY VOLUME:** None

**WEIGHT/VOLUME:** N/A

**ODOR:** Wheat like, nutty

**EVAPORATION RATE:** N/A, solid

**BOILING POINT:** solid, N/A

**VAPOR PRESSURE:** N/A

**MELTING POINT:** N/A

**LEL/UEL:** N/A

**SPECIFIC GRAVITY:** N/A

**VAPOR DENSITY:** N/A

**pH:** N/A

**WEIGHT/VOLUME:** N/A

**AUTO IGNITION TEMP:** N/D

**DECOMPOSITION TEM:** N/D

**PARTITION COEFFICIENT:** N/A

**PHYSICAL HAZARDS:** High concentration of dust in air can explode if sufficient temperatures and ignition source occurs. See Section 5.

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## 10. STABILITY and REACTIVITY

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**DECOMPOSITION PRODUCTS:** Combustion products include carbon dioxide, carbon monoxide and various hydrocarbons.

**INCOMPATIBLE CHEMICALS AND CONDITIONS:** Avoid heavy dust concentrations in air. Do not store near flame or sparks.

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## 11. TOXICOLOGICAL INFORMATION

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Likely routes of Exposure: Inhalation, Ingestion, Eye and Skin contact.

**Inhalation:** Excessive exposure may cause irritation to the nose and throat. Although nuisance particulates may cause respiratory tract irritation, they do not form scar tissue or affect the structure of air spaces in the lungs.

**Ingestion:** Intended as food additive, therefore is not considered toxic. Ingestion of large doses may cause irritation of the gastrointestinal tract. If swallowed in large quantities, get medical assistance.

**Skin contact:** Mild irritant.

**Eye contact:** Irritating effect.

**Chronic Toxicity:** This product does not contain any substances that are considered by OSHA or ACGIH to be probable or suspected human carcinogens.

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## 12. ECOLOGICAL INFORMATION

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Do not allow material to be released to the environment without proper governmental permits.

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## 13. WASTE DISPOSAL CONSIDERATION

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**WASTE DISPOSAL METHOD:** Consult with local regulatory authorities concerning proper disposal or incineration

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## 14. TRANSPORTATION INFORMATION

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**DOT SHIPPING DESCRIPTION:** N/A

Not hazardous for transportation per USDOT regulations.

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## 15. REGULATORY INFORMATION

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**Health Hazards:** H317-May cause allergic skin reaction.H320- Irritating to eyes. H334-May cause allergy or asthma symptoms if inhaled. H335-May cause respiratory irritation.

**Risk phrases:** R2-Risk of explosion by shock, friction fire of other source.

**TSCA (Toxic Substances Control Act):** NA

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## 16. OTHER INFORMATION

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Revision date: 11/20/12