

# SAFETY DATA SHEET

## Hydrolyzed Feather Meal



### Section 1: Identification

**Product identifier:**

Hydrolyzed Feather Meal

**Recommended use:**

Animal Feed

**Emergency contact during transportation:**

CHEMTREC (800) 424-9300

**Manufacturer:**

Wilbur Ellis Company

2903 S. Cedar Ave.

Fresno, CA 93725

Tel: (559) 442-1220 Fax: (559) 442-4089

**SDS contact information:**

SDS@wilburellis.com

### Section 2: Hazard(s) Identification

**Pictograms:**

Not applicable.

**Hazard classifications:**

Not applicable.

**Signal word:**

Not applicable.

**Hazard statements:**

This product does not meet the OSHA HazCom Classification Criteria for any physical, health or environmental hazard class category.

**Precautionary statements:**

Do not handle until all safety precautions have been read and understood. Do not eat, drink, or smoke while using this product. Wash thoroughly after handling.

**Response statements:**

See Sections 4, 5 and 6 of this SDS. If exposed or concerned, get medical attention.

**Storage statements:**

See Section 7 of this SDS.

**Disposal statements:**

See Section 13 of this SDS.

**Hazards not otherwise classified:**

These materials are made from natural products and may contain naturally occurring microorganisms. Proper precautions are advised to prevent infection of open wounds, inhalation of excessive amounts of dust, and eye irritation. The proper hygiene practices necessary to prevent health hazards from naturally occurring substances such as soil, bark, etc should be observed.

Dust/air mixtures may be combustible.

### Section 3: Composition/Information on Ingredients

Chemical name	CAS #	Wt. %
Hydrolyzed Feather Meal	--	100%

Product EPA Registration #: N/A

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### Section 4: First-Aid Measures

**Inhalation:**

Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration.

**Skin contact:**

Rinse skin with water. If skin irritation develops, seek medical attention.

**Eye contact:**

Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.

**Ingestion:**

Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything to an unconscious person.

**Acute symptoms:**

May cause mechanical eye irritation. May cause respiratory tract irritation if inhaled in dust form.

**Indication of immediate medical attention or special treatment:**

Trouble breathing, persisting eye irritation.

**Delayed symptoms:**

None known.

### Section 5: Fire-Fighting Measures

**Suitable extinguishing media:**

Use water spray or other appropriate media for surrounding fire.

**Unsuitable extinguishing media:**

Do not use direct water stream on burning material.

**Hazardous decomposition products:**

May decompose upon heating to produce compounds of carbon.

**Special protective equipment and precautions for fire fighters:**

Wear self-contained breathing apparatus with full positive pressure face piece and appropriate protective clothing.

### Section 6: Accidental Release Measures

**Accidental release measures:**

Avoid contact with eyes. Avoid inhaling dust and decomposition products.

**Cleanup measures:**

Spilled material should be swept or vacuumed with a non-sparking vacuum. Wear appropriate PPE as described in Section 8. Place collected material in a clean, closed container for waste disposal. See Section 13 for waste disposal recommendations. Advise authorities if material has entered water or sewer. Take measures to minimize effects on ground water.

### Section 7: Handling and Storage

**Handling:**

Avoid contact with skin, eyes, and clothing. Avoid generating and inhaling dusts. Wear protective clothing described in Section 8. Wash thoroughly after handling. Remove immediately contaminated clothing and PPE. Wash before reuse. Maintain exposures below permissible limits described in Section 8.

**Storage:**

To maintain optimum performance of product, store in sealed containers under normal cool, dry conditions. Avoid storing near nonfood items with strong odors – odors may affect overall flavor. Keep containers closed to avoid moisture pick-up.

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### Section 8: Exposure Controls / Personal Protection

Ingredient	OSHA 8hr PEL	NIOSH 10hr REL	NIOSH 15 min. ST	NIOSH IDLH
Particulates Not Otherwise Regulated	15 mg/m <sup>3</sup> (total) 5 mg/m <sup>3</sup> (resp. frac.)	N/E	N/E	N/E

- Ventilation:** Provide sufficient general and local ventilation to maintain exposure below permissible limits.
- Respiratory protection:** If ventilation is not adequate to maintain exposures below permissible limits, use a dust mask or air purifying respirator with particulate cartridge. Inspect and test respiratory protection before use.
- Skin protection:** Wear gloves and skin protection. Do not use gloves or protective clothing that show signs of permeation or degradation.
- Eye protection:** Safety glasses are recommended. Do not use degraded eye or face protection. Maintain a safety shower and eye wash facility in the work area.

### Section 9: Physical and Chemical Properties

Auto-ignition temperature	N/A	Odor threshold	N/E
Boiling point	N/A	Partition coefficient	N/E
Color	Golden	pH	N/A
Decomposition temperature	N/E	Physical State	Granular
Evaporation rate	N/E	Relative density	N/A
Flammability	May be combustible when subject to high heat.	Solubility in water	N/E
Flash point	N/E	Upper flammability limit	N/E
Lower flammability limit	N/E	Vapor density	N/A
Melting/freezing point	N/A	Vapor pressure	N/A
Odor	N/E	Viscosity	N/A

### Section 10: Stability and Reactivity

**Chemical stability:**

Stable under normal storage and handling conditions. See Section 7 for handling and storage information.

**Hazardous reactions:**

None known.

**Conditions to avoid:**

Avoid generating dust.

**Incompatible materials:**

No data.

**Hazardous decomposition products:**

May decompose upon heating to produce carbon oxides.

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### Section 11: Toxicological Information

Ingredient	Toxicity value	Source
Hydrolyzed Feather Meal	Oral Rat LD <sub>50</sub> No data	The components of this product are approved food ingredients.

**NTP:** This product contains no ingredients identified by the NTP as a known, or anticipated carcinogen.

**IARC:** This product contains no ingredients identified by the IARC as a confirmed, possible or probable human carcinogen.

**OSHA:** This product contains no ingredients identified by OSHA as a carcinogen, or potential carcinogen.

#### Exposure Symptoms and Effects

**Dermal:** None known.

**Ocular:** May cause mechanical eye irritation; red, watery, irritated eyes.

**Inhalation:** May cause respiratory irritation if inhaled in dust form; coughing, wheezing, shortness of breath.

**Oral:** None known.

**Chronic health effects:** None known.

**Delayed health effects:** None known.

### Section 12: Ecological Information

#### Ecotoxicity aquatic:

Ingredient	Toxicity value	Source
Hydrolyzed Feather Meal	No data	No data

#### Ecotoxicity terrestrial:

No data.

#### Persistence and degradability:

No data.

#### Bioaccumulative potential:

A bioaccumulation factor and/or low K<sub>ow</sub> have not been established for this product.

#### Mobility in soil:

No data.

#### Other adverse effects:

No data.

### Section 13: Disposal Considerations

#### Waste handling and disposal:

Dispose of product in accordance with government waste management regulations. Contact your local treatment, storage and disposal facility or environmental regulatory agencies for guidance on acceptable disposal practices.

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### Section 14: Transportation Information

**UN/NA number:** Not regulated for transportation.  
**UN/NA proper shipping name:** N/A  
**Transport hazard class(es):** N/A  
**Packing group:** N/A  
**Marine pollutant (Yes/No):** No.  
**Transport in bulk:** Not regulated for transportation.  
**Emergency response guide # (ERG #):** N/A  
**Special precautions:** N/A

### Section 15: Regulatory Information

**TSCA:** All ingredients are listed on the TSCA Chemical Inventory, or exempted.  
**CERCLA RQ:** No ingredients listed.  
**EPCRA TPQ:** No ingredients listed.  
**EPCRA Section 313:** No ingredients listed.  
**FIFRA:** This is not a pesticide product.  
**Proposition 65:** No ingredients listed.

### Section 16: Other Information

#### SDS Legend:

CAS = Chemical Abstract Services registry number; CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act; GHS = Globally harmonized system of classification and labeling of chemicals; IARC = International Agency for Research on Cancer; mg/l = Milligrams per liter; mg/m<sup>3</sup> = Milligrams per cubic meter; mmHg = Millimeters of mercury; SDS = (Material) Safety Data Sheet; N.O.S. = Not otherwise specified; NTP = National Toxicology Program; OSHA/PEL = Occupational Safety and Health Administration 8hr Permissible Exposure Limit; RQ = Reportable quantity; STOT = Specific Target Organ Toxin; STP = Standard conditions for temperature and pressure; TSCA = Toxic Substance Control Act; UN/NA = United Nations/North American.

#### Disclaimer:

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#### Revision history:

23 May 2014                      New SDS.

**Product EPA Registration #:** N/A