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## MATERIAL SAFETY DATA SHEET (MSDS)

### EGG ALBUMIN FLAKES (ALBUMIN EGG FLAKES)

#### 1. Product Identification

Synonyms: Ovalbumin  
 CAS No.: 9006-59-1

Product Coad:E0090205000

Molecular Weight: Not applicable.  
 Chemical Formula: Not applicable.

#### 2. Composition/Information on Ingredients

Ingredient	CAS No	Percent	Hazardous
Albumin, Egg, Flakes	9006-59-1	90 - 100%	No

#### 3. Hazards Identification

Health Rating: 0 - None  
 Flammability Rating: 0 - None  
 Reactivity Rating: 0 - None  
 Contact Rating: 0 - None  
 Lab Protective Equip: GOGGLES; LAB COAT  
 Storage Color Code: Green (General Storage)  
 Potential Health Effects  
 Inhalation: No adverse health effects expected from inhalation.  
 Ingestion: Not expected to be a health hazard via ingestion.  
 Skin Contact: Not expected to be a health hazard from skin exposure.  
 Eye Contact: Not expected to be a health hazard.  
 Chronic Exposure: No information found.  
 Aggravation of Pre-existing Conditions: No information found.

#### 4. First Aid Measures

Inhalation: Not expected to require first aid measures. Remove to fresh air. Get medical attention for any breathing difficulty.  
 Ingestion: Not expected to require first aid measures. If large amounts were swallowed, give water to drink and get medical advice.  
 Skin Contact: Not expected to require first aid measures. Wash exposed area with soap and water. Get medical advice if irritation develops.  
 Eye Contact: Not expected to require first aid measures. Wash thoroughly with running water. Get medical advice if irritation develops.

#### 5. Fire Fighting Measures

Fire: Not considered to be a fire hazard.  
 Explosion: Not considered to be an explosion hazard.  
 Fire Extinguishing Media: Use any means suitable for extinguishing surrounding fire.  
 Special Information: Use protective clothing and breathing equipment appropriate for the surrounding fire.

#### 6. Accidental Release Measures

Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Spills: Sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal.

#### 7. Handling and Storage

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product.

#### 8. Exposure Controls/Personal Protection

Airborne Exposure Limits:None established.  
 Ventilation System:Not expected to require any special ventilation.  
 Personal Respirators (NIOSH Approved):

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For conditions of use where exposure to dust or mist is apparent and engineering controls are not feasible, a particulate respirator (NIOSH type N95 or better filters) may be worn. If oil particles (e.g. lubricants, cutting fluids, glycerine, etc.) are present, use a NIOSH type R or P filter. For emergencies or instances where the exposure levels are not known, use a full-face positive-pressure, air-supplied respirator. WARNING: Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.

Skin Protection: Wear protective gloves and clean body-covering clothing.

Eye Protection: Use chemical safety goggles and/or full face shield where dusting or splashing of solutions is possible. Maintain eye wash fountain and quick-drench facilities in work area.

**9. Physical and Chemical Properties**

Appearance: Light yellow Powder.  
 Odor: No information found.  
 Solubility: Appreciable (> 10%)  
 Specific Gravity: No information found.  
 pH: No information found.  
 % Volatiles by volume @ 21C (70F): 0  
 Boiling Point: No information found.  
 Melting Point: No information found.  
 Vapor Density (Air=1): Not applicable.  
 Vapor Pressure (mm Hg): Not applicable.  
 Evaporation Rate (BuAc=1): No information found.

**10. Stability and Reactivity**

Stability: Stable under ordinary conditions of use and storage.  
 Hazardous Decomposition Products: Carbon dioxide and carbon monoxide may form when heated to decomposition.  
 Hazardous Polymerization: Will not occur.  
 Incompatibilities: No information found.  
 Conditions to Avoid: Heat.

**11. Toxicological Information**

Oral rat LD50: 101 gm/kg.

---NTP Carcinogen---

Ingredient	Known	Anticipated	IARC Category
Albumin, Egg, Powder (9006-50-2)	No	No	None

**12. Ecological Information**

Environmental Fate: No information found.  
 Environmental Toxicity: No information found.

**13. Disposal Considerations**

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

**14. Transport Information**

Not regulated.

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#### 15. Regulatory Information

-----\Chemical Inventory Status - Part 1\-----

Ingredient	TSCA	EC	Japan	Australia
Albumin, Egg, Powder (9006-50-2)	Yes	No	No	Yes

-----\Chemical Inventory Status - Part 2\-----

-- Canada--

Ingredient	Korea	DSL	NDSL	Phil.
Albumin, Egg, Powder (9006-50-2)	No	No	Yes	Yes

-----\Federal, State & International Regulations - Part 1\-----

-SARA 302- -----SARA 313-----

Ingredient	RQ	TPQ	List	Chemical Catg.
Albumin, Egg, Powder (9006-50-2)	No	No	No	No

-----\Federal, State & International Regulations - Part 2\-----

-RCRA- -TSCA-

Ingredient	CERCLA	261.33	8(d)
Albumin, Egg, Powder (9006-50-2)	No	No	No

Chemical Weapons Convention: No TSCA 12(b): No CDTA: No

SARA 311/312: Acute: No Chronic: No Fire: No Pressure: No

Reactivity: No (Pure / Solid)

Australian Hazchem Code: None allocated.  
Poison Schedule: None allocated.

#### 16. Other Information

**Product Use:** Laboratory Reagent.

In accordance with REACH Regulation (CE) N° 1907/2006 and with CLP Regulation (CE) N° 1272/2008

#### DISCLAIMER:

- SUVCHEM Products are to be used as Lab Chemicals for R&D only. Not for drug, medicinal, household or other uses.
- SUVCHEM shall not be responsible for any damage resulting from handling or from contact with the above product.
- SUVCHEM provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product.

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