
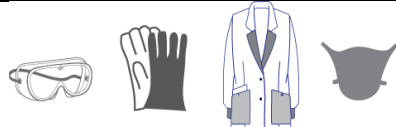


Hazard Warning	Risk Phrases	Protective Clothing
	Irritating to skin, eye and respiratory system	

## Material Safety Data Sheet

### MANUFACTURER



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## SEC (Gel Filtration) HPLC LMW Protein Standard

### 1. Product Identification

**Product Name:** SEC (gel filtration) HPLC

LMW protein standard

**CAS No.:** N/A

**Molecular Weight:** N/A

**Chemical Formula:** N/A

**Part No.:** CM92005

### 2. Composition and Information on Ingredients:

Ingredient	MW (Ka)	CAS No.	Percent
2,5-dihydroxybenzoic acid	154	490-79-9	≤0.1%
Aprotinin	6,511	9087-70-1	≤0.1%
RNase A	13,700	9001-99-4	≤0.1%
Carbonic anhydrase	29,000	9001-03-0	≤0.1%
Ovalbumin (albumin chicken egg)	43,000	9006-59-1	≤0.1%
Phosphate Buffer Saline (PBS)	N/A	N/A	≥99%

### 3. Hazards Identification

#### Emergency Overview

**OSHA Hazards:** No known OSHA hazards

#### HMIS Classification

**Health Hazard:** 0

**Chronic Health Hazard:** 0

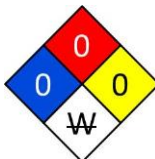
**Flammability:** 0

**Physical hazards:** 0

#### HEPA Rating

**Health Rating:** 0

**Flammability Rating:** 0



**Reactivity Rating: 0**

Water Reactive: ~~W~~

**Personal Protective Equipment (PPE):** GOGGLES, LAB COAT, VENT HOOD, PROPER GLOVES.

#### **Potential Health Effects**

**Inhalation:** May be harmful if inhaled. May cause respiratory tract irritation.

**Ingestion:** May be harmful if swallowed.

**Skin Contact:** May be harmful if absorbed through skin. May cause skin irritation.

**Eye Contact:** May cause eye irritation.

**Chronic Exposure:** No information available.

#### **4. First Aid Measures**

**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

**Ingestion:** If swallowed, DO NOT INDUCE VOMITING without medical advice. Rinse mouth with water. Never give anything by mouth to an unconscious person. Get medical attention immediately.

**Skin Contact:** Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse.

**Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally.

#### **5. Fire Fighting Measures**

**Fire:** Flash point: Undetermined; Ignition temperature: Undetermined

**Explosion:** Unknown

**Fire Extinguishing Media:** Not flammable or combustible.

#### **6. Accidental Spill Measures**

Wear appropriate personal protective equipment. Isolate hazard area. Do not flush to sewer. Sweep up and shovel into suitable, closed containers for disposal.

#### **7. Handling and Storage**

**Handling:** provide appropriate exhaust ventilation at places where dust is formed.

**Storage:** Long term storage should be at 2-8 °C. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

#### **8. Exposure Controls/Personal Protection**

**Airborne Exposure Limits:** None established.

**Ventilation System:** A system of local exhaust ventilation is generally preferred. Breathing apparatus only if aerosol or dust is formed.

**Skin Protection:** Wear impervious protective clothing, including: gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

**Eye Protection:** Use chemical safety goggles. Maintain eye wash fountain and quick-drench facilities in work area.

## 9. Physical and Chemical Properties

**Appearance:** Suspension in 0.02% NaN<sub>3</sub> in water.

**Odor:** No information available.

**Solubility:** No information available.

**Specific Gravity:** No information available.

**pH:** No information available.

**Melting Point:** No information available.

**Boiling Point:** No information available.

**Vapor Density (Air=1):** No information available.

**Vapor Pressure (mm Hg):** No information available.

**Evaporation Rate (BuAc=1):** No information available.

## 10. Stability and Reactivity

**Stability:** Stable under recommended storage condition.

**Hazardous Decomposition Products:** Hazardous decomposition products formed under

**Fire Conditions:** Nature of decomposition products not known.

**Hazardous Polymerization:** Will not occur.

**Incompatibilities:** Strong oxidizers.

**Conditions to Avoid:** Strong acids and strong bases.

## 11. Toxicological Information

**Oral LD50:** No data available.

**Chronic Effects on Humans:** No data available.

**Other Toxic Effects on Humans:** No data available.

**Special Remarks on Toxicity to Animals:** No data available.

**Special Remarks on Chronic Effects on Humans:** No data available.

**Special Remarks on other Toxic Effects on Humans:** No data available.

## 12. Ecological Information

**Environmental Fate:** No information available.

**Environmental Toxicity:** No information available.

## 13. Disposal Considerations

Dispose of container and unused contents in accordance with federal, state and local requirements.

#### 14. Transport Information

**DOT (US):** Not dangerous goods

**IATA:** Not dangerous goods

**IMDG:** Not dangerous goods

#### 15. Regulatory Information

**OSHA Hazards:** No known OSHA hazards

**SARA 302 Components:** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 Components:** This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**SARA 311/312 Hazards:** No SARA hazards.

**Massachusetts Right To Know Components:** No components are subject to the Massachusetts Right to Know Act.

**Pennsylvania Right To Know Components:** No components are subject to the Pennsylvania Right to Know Act.

**New Jersey Right To Know Components:** No components are subject to the New Jersey Right to Know Act.

**California Prop. 65 Components:** This product does not contain any chemicals known to State of California to cause cancer, birth, or any other reproductive defects.

#### 16. Other Information

##### References:

Chemical Abstract databases. OSHA, SARA. Other similar compound's MSDS.

**Other Special Considerations:** Not available.

**Created:** May 19, 2020

**Last Updated:** May 19, 2020

**Revision Information:** Version 0

**Product Use:** Laboratory Reagent.

##### Disclaimer:

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**Prepared by:** CellMosaic, Inc. Health and Safety