

# Safety Data Sheet

## MANUFACTURER

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## General Information

**Trade Name:** HIC Standrad for Column Performance.  
**Part No. Covered by this SDS:** CM92007

## Product Content

1) Two micro-centrifuge tubes containing less than 1 mg of lyophilized protein mixture.

## Handling and Storage for Hazardous Chemicals

Handling for SEC (gel filtration) HPLC protein standard: See attached supplemental information.

## Transportation

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

**IATA:** Not dangerous goods.

**IMDG:** Not dangerous goods.

**Supplemental information starts from next page.**

## HIC Standrad for Column Performance

### SECTION 1. Identification of the substance/mixtures and of the company/undertaking

#### 1.1 Product identifiers

Product Name: HIC Standrad for Column Performance.

Product No.: CM92007

#### 1.2 Detail of the supplier of the safety data sheet

Company: CellMosaic, Inc. 10A Roessler Road, Woburn, MA 01801, Phone: +1 781-463-0002

### SECTION 2. Hazards Identification

#### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]



Eye Irritation                                      Irritating to eyes (Category 2)

#### 2.2. GHS Label elements, including precautionary statements.

**Signal Word:** none

**Hazard Statement(s):** H319-Causes serious eye irritation.

**Precautionary Statement(s):**

P280 – Wear protective gloves/protective clothing/eye protection/face protection.

P281 – Use personal protective equipment as required.

P264 – Wash hands thoroughly after handling.

P305 + P351 + P338 IF IN EYES – Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

### SECTION 3. Composition and Information on Ingredients

**Product Name:** HIC Standrad for Column Performance.

Ingredient	MW (Da)	CAS No.	Percent
L-Histidine	154	71-00-1	30%
Ribonuclease A	6,511	9001-99-4	25%
Lysozyme	13,700	12650-88-3	25%
Chymotrypsinogen A	29,000	9035-75-0	20%

### SECTION 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.

### SECTION 5. Fire Fighting Measures

#### 5.1. Flammability

Products of Combustion: Carbon oxides.

**Specific Fire Hazards:** As in any fire, always wear self-contained breathing apparatus in pressure-demand (MSA/NIOSH approved or equivalent), and full protective gear. Use water spray to keep fire exposed containers cool. Approach fire from upwind to avoid hazardous vapors and toxic decomposition products.

**Specific Explosion Hazards:** Will not explode.

**Fire Fighting Media:** Use water spray, or appropriate foam.

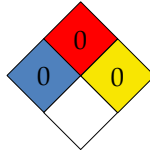
## 5.2. NFPA

**Health Rating:** 0

**Flammability Rating:** 0

**Reactivity:** 0

**Specific Hazard:** N/A



## SECTION 6. Accidental Release Measures

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

## SECTION 7. Handling and Storage

**Handling:** Use personal protective equipment as required.

**Storage:** Recommended storage of the product is below -20 °C under dark conditions. Keep container tightly closed.

## SECTION 8. Exposure Controls/Personal Protection

**Components with workplace control parameters:** Contains no substances with occupational exposure limit values.

**Appropriate engineering controls:** General industrial hygiene practice.

**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.

## SECTION 9. Physical and Chemical Properties

**Appearance:** Lyophilized powder.

**Odor:** No information available.

**Solubility:** Soluble in water.

**Specific Gravity:** No information available.

**pH:** 6-7 upon dissolution in water.

**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.

## SECTION 10. Stability and Reactivity

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

**Hazardous Decomposition Products:** No hazardous decomposition product.

**Incompatibilities:** Strong oxidizers.

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

## SECTION 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.

**SECTION 12. Ecological Information**

**Environmental Fate:** No information available.

**Environmental Toxicity:** No information available.

**SECTION 13. Disposal Considerations**

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

**SECTION 14. Transport Information**

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

**IATA:** Not dangerous goods.

**IMDG:** Not dangerous goods.

**SECTION 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 the State of California to cause cancer, birth, or any other reproductive defects.

**SECTION 16. Other Information**

**References:** This document has been prepared in accordance with the MSDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200, classification according to Regulation (EC) No 1272/2008 [CLP], and WHMIS Controlled Products Regulation, Chemical Abstract databases, Superfund Amendments and Reauthorization Act (SARA) and other similar compound's SDS.

**Other Special Considerations:** Not available.

**Created:** May 13, 2024

**Last Updated:** NA

**Revision Information:** Version 1

**Product Use:** Laboratory Reagent

**Disclaimer:**

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