

**\*\*\*\* MATERIAL SAFETY DATA SHEET \*\*\*\***

MSDS Name: Cynomolgus Coagulation factor IX / F9 Protein, His Tag (active enzyme, MALS verified)

**\*\*\*\* SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION \*\*\*\***

MSDS Name: Cynomolgus Coagulation factor IX / F9 Protein, His Tag (active enzyme, MALS verified)  
Catalog Numbers: FIX-C52H9

Company Identification: ACROBIOSYSTEMS INC  
For information, call: +1 800-810-0816

**\*\*\*\* SECTION 2 - HAZARDS IDENTIFICATION \*\*\*\***

**EMERGENCY OVERVIEW**

**Eye:** Potassium chloride can cause eye irritation, including redness, tearing, and possible abrasions.  
**Skin:** Sodium Phosphate is a corrosive material and can cause burns.  
Sensitization possible through skin contact and inhalation.  
**Ingestion:** Material can be irritating to mucous membranes and respiratory tract.  
**Inhalation:** Inhalation of high concentrations of dust may cause nasal or lung irritation.  
Ingestion of large quantities can produce gastrointestinal irritation and vomiting.  
**Chronic:** N/A

**\*\*\*\* SECTION 3 - COMPOSITION, INFORMATION ON INGREDIENTS \*\*\*\***

The product contains no substances which at their given concentration, are considered to be hazardous to health.  
We recommend handling all chemicals with caution.

**\*\*\*\* SECTION 4 - FIRST AID MEASURES \*\*\*\***

**Eyes:** Rinse opened eye for at least 15 minutes under running water, lifting upper and lower eyelids occasionally.  
Seek medical attention.  
**Skin:** Remove contaminated clothing. Immediately wash with plenty of soap and water for at least 15 minutes.  
Seek medical attention.  
**Ingestion:** swallowed and patient is conscious, induce vomiting. Seek medical attention immediately.  
**Inhalation:** In case of unconsciousness, place patient on side position for transportation.  
If not breathing, give artificial respiration. Supply fresh air or oxygen; seek medical attention immediately.

**\*\*\*\* SECTION 5 - FIRE FIGHTING MEASURES \*\*\*\***

Fight larger fires with water or alcohol resistant foam. Firefighters should wear protective equipment and self-contained breathing apparatus. As with most organic solids, fire is possible at elevated temperatures or by contact with an ignition source.

**\*\*\*\* SECTION 6 - ACCIDENTAL RELEASE MEASURES \*\*\*\***

Personal Precautions	Use personal protective equipment.
Methods for Cleaning Up	Take up mechanically and collect in suitable container for disposal.

**\*\*\*\* SECTION 7 - HANDLING AND STORAGE \*\*\*\***

**Handling:** Wear personal protective equipment.  
**Storage:** Keep in properly labelled containers.

**\*\*\*\* SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION \*\*\*\***

**Engineering Controls:** Ensure adequate ventilation, especially in confined areas

**Personal Protective Equipment**

**Respiratory Protection :** In case of insufficient ventilation wear suitable respiratory equipment.

**Hand Protection:** Protective gloves.

**Eye Protection:** Safety glasses with side-shields.

**Skin and Body Protection:** Lightweight protective clothing.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety practice.

**Environmental Exposure:** Prevent product from entering drains